THE CHEMIST AND DRUGGIST

ESTAB 1859

REGISTERED AS A NEWSPAPER

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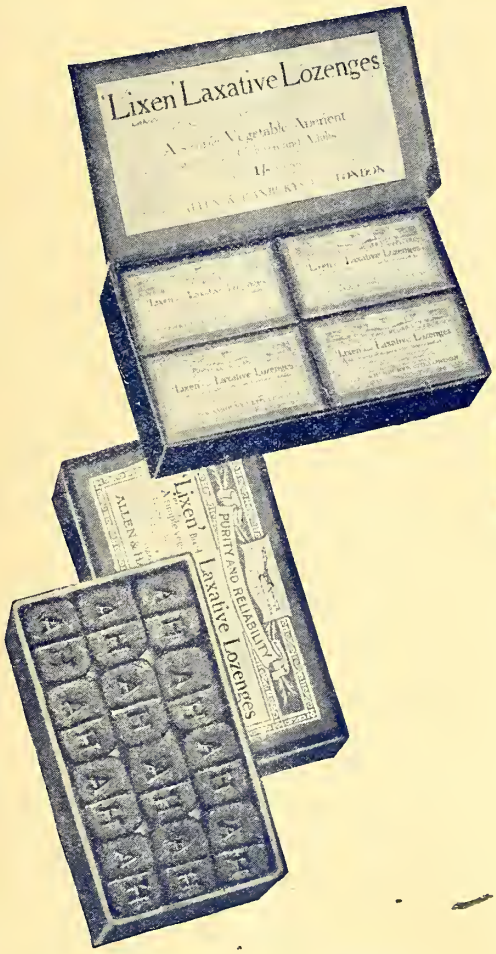

A Simple Vegetable Aperient for Children and Adults

"LIXEN"

Brand

Laxative Lozenges

Contain "Lixen" (a special extract of senna pods) in a fruit basis.

Really pleasant to take.

Free from all other purgatives. Appeal particularly to children.

Each lozenge is equivalent to six large senna pods.

RETAIL	WHOLESALE
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1s. each	8s. per dozen
3s. 6d. each	28s. per dozen

Allen & Hanburys Ltd., London, E. 2

Telephone: Bishopsgate 3201 (10 lines). Telegrams: "Greenburys Edo London."

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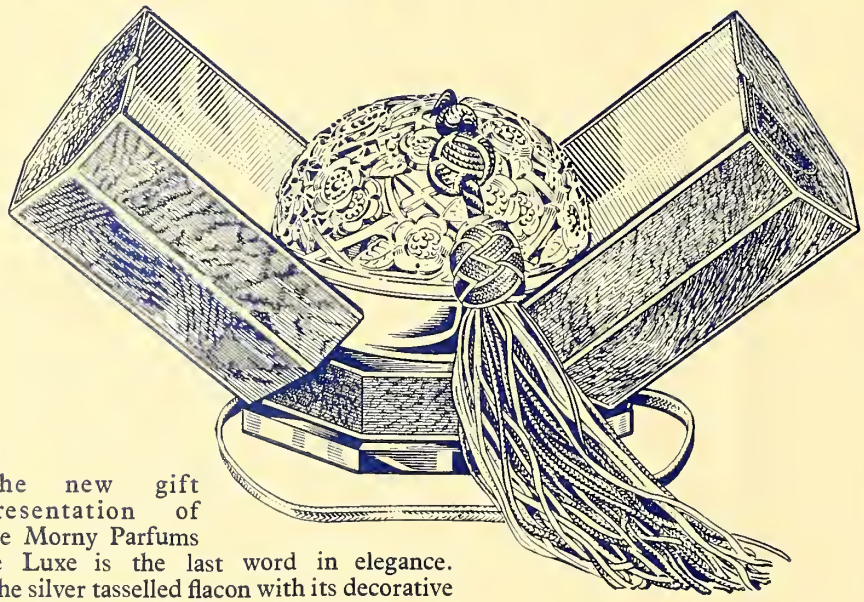
FOR 1930 XMAS GIFT BUSINESS

MORNY

PARFUMS DE LUXE

IN A DELIGHTFUL NEW PRESENTATION MODEL



The new gift presentation of the Morny Parfums de Luxe is the last word in elegance. The silver tasselled flacon with its decorative glass cover is set in an exquisite case of entirely novel design.

The very reasonable retail price ensures a ready sale during the Xmas season. Issued in the following perfumes at the uniform retail price of 20/-:

"CHAMINADE"
"CHYPRE-MORNY"
"ESSENCE MYSTERIEUSE"
"FANTAISIE"
"GARDENIA-MORNY"
"JASMIN-MORNY"
"JUNE ROSES"
"MUGUET-MORNY"
"NARCISSES BLANC ET NOIR"
"NUIT DE CARNAVAL"
"SERENADE"

Minimum Retail Price **20/-** in Great Britain.

For Price List and Terms apply to—

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Business—like life— is what you make it!

When a deep depression is centred over Business, the Salesman comes into his own.

Every student of selling knows that restricted spending power shuts off casual purchases. "Anything more to-day, Madam," is wasted breath, and windows devoid of persuasion are of little, if any, use.

"THE WIGGLESWORTH WAY"

is happily busy. Many Retail Chemists, not content to wait, with Micawber-like patience, for "something to turn up," know where kindred spirits in the Wholesale are ready to help them to make the best of existing conditions and their windows.

Purse strings were made to be pulled. You make most profit if you do the pulling yourself.

WIGGLESWORTH LTD.

Manufacturers and Packers of Pharmaceutical, Perfumery and Toilet Preparations,

WESTHOUGHTON, LANCS.

Simplifying Stock-keeping

One of the chemist's minor worries is the number of different kinds and sizes of certain products which he is expected to stock. In the case of GLAXO, *relief in this respect is now to be provided. As from*

NOVEMBER 1st 1930

we shall issue from our factory only three sizes of Glaxo, namely, Sunshine Glaxo at 1/6 and 3/6, and ordinary Glaxo at 3/6 per tin

(in the case of each size the price will be clearly marked on the lid of the tin).

SUNSHINE GLAXO

The new 1/6 tin (six ounces) of Sunshine Glaxo will replace the present 2/- tin (eight ounces) with no alteration in the cost of the food. The present 4/- tin will be reduced in price to 3/6, without any alteration in size, so benefiting the customer.

ORDINARY GLAXO

The four sizes (1/6, 2/6, 4/6, 7/6) of ordinary Glaxo will shortly be discontinued, and the new 3/6 tin will provide the food at a slightly cheaper rate than the old 7/6 tin, whilst appreciably cheaper than other old sizes.

NOTE: The wholesale trade will continue to supply all the old sizes of Glaxo until stocks are exhausted, after which the new sizes will come gradually into use. If chemists will co-operate with us by disposing of the old sizes before offering the new sizes for sale, the vexed questions of out-of-date foods and the number of sizes will no longer arise.

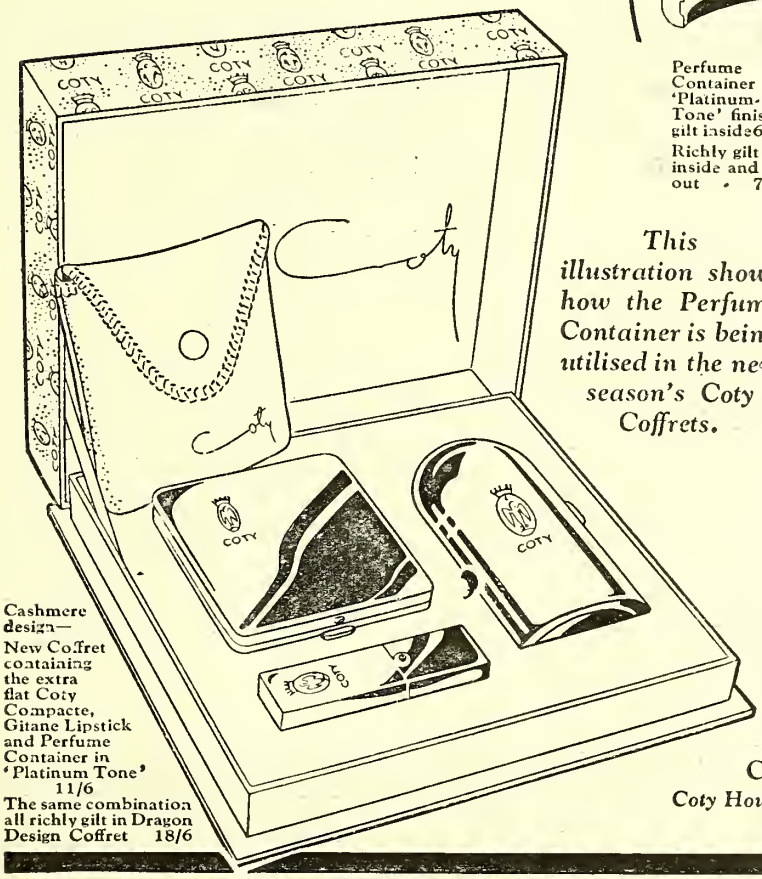
GLAXO LABORATORIES · 56 OSNABURGH STREET · LONDON · N·W·1

Concentrate on COTY this Christmas

Coty Coffrets are being extensively advertised between now and Christmas, and will make a very special appeal to the public—the new and beautiful design of the boxes being exceptionally attractive. The Coffret illustrated containing Coty Creations in the smart 'Platinum-Tone' presentation is one of many to choose from, and is a sure, quick seller.

Get your stocks early, and be ready for the demand!

Perfume Container in 'Platinum-Tone' finish, gilt inside 6/9
Richly gilt inside and out . 7/6



This illustration shows how the Perfume Container is being utilised in the new season's Coty Coffrets.

Cashmere design—
New Coffret containing the extra flat Coty Compacte, Gitane Lipstick and Perfume Container in 'Platinum Tone' 11/6
The same combination all richly gilt in Dragon Design Coffret 18/6

In case you have not received our new illustrated Gift Catalogue, please apply for your copy

COTY (England) LTD.,
Coty House, 3, Stratford Place, London. W.1.

C.F.H. 92

Better Products
—at less cost

THIS WINTER USE

StaffAllenS

★OLEO-RESINS OF GINGER & CAPSICUM

Contain all the active constituents of the spice in a concentrated and convenient form.

Their distinctive quality has made them the choice of careful buyers for years.

Samples and formulæ on request.

Provide products equal to those made from the root direct, whilst effecting considerable saving in time and material.

OLEO-RESIN GINGER

For Ginger Ale, Ginger Beer, Ginger Wine, Essence of Ginger, Tincture of Ginger; also in Pills, Tablets, and for Lozenges.

OLEO-RESIN CAPSICUM

For Pills, Tablets, Lozenges, Chillie Paste, Thermal Wool and Capsicum Ointments; also where suitable as a substitute for Cayenne.

STAFFORD ALLEN & SONS, LTD.
COWPER STREET, LONDON, E.C.2

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Relaxed Conditions of the tissues.

"ELASTO" is a scientifically prepared cell food—NOT A DRUG—and may be introduced with every confidence of extensive recommendation.

Recommend "ELASTO" for Varicose Veins, Ulcers, Eczema, Swollen Legs, Phlebitis, Thrombosis, Muscular Weakness, Bad Legs, Piles, Prolapsus, Varicocele, Hardened Arteries, Blood Pressure, Deficient Circulation and kindred ailments.

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Full particulars, Showcards, and Leaflets on request.

One size only (*a month's treatment*), **5/-**; per doz., **45/-** from your wholesaler.

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Santonin, B.P.

The truest Specific known to Medical Science

Supplied in Bulk and Packed Doses for Human and Veterinary Use

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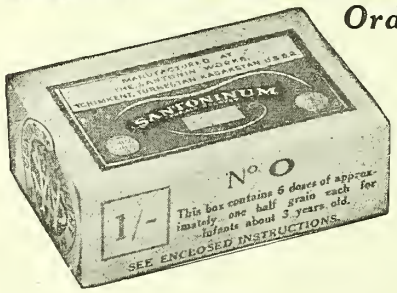

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No. 0.	6×½	Grain	1/-
No. 1.	6×1	,,	1/6
No. 2.	6×2	,,	2/3
No. 3.	6×3	,,	3/-
No. 4.	6×4	,,	4/-
No. 5.	6×5	,,	4/9

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"THE DOG LOVERS' BOOK"

Contains NEW SCIENTIFIC information on the Ailments of the dog and their treatment. It will surely attract a profitable Canine Trade and it is

FREE TO CHEMISTS!!

Write to-day for a FREE supply to distribute to your customers

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ORDER

BULK DRUGS

with your

PROPRIETARIES, CHEMISTS' SUNDRIES

and

COUNTER SPECIALITIES

LOWEST PRICES AND PROMPT DELIVERY

Avoid Multiplicity of Accounts by
placing composite orders with us

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(P.O. Box 157)

7, 9, 11 and 13 Clerkenwell Road

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Roboleine
THE FOOD THAT BUILDS THE BODY

AUTUMN IS HERE. WINTER IS AT HAND; TIMES WHEN EVERYONE NEEDS ROBOLEINE.

SPECIAL WINDOW DISPLAY OFFER

IF YOU ARE NOT STOCKED WRITE FOR TERMS TO

OPPENHEIMER SON & Co., Ltd.,
HANDFORTH LABORATORIES,
CLAPHAM ROAD,
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Meet the BIG DEMAND
BY LAYING IN STOCKS OF
"SURE SHIELD" BRAND Iodised THROAT TABLETS

8½D Tins
5/6 doz 63/- per gross
1/3 Tins
9/6 doz 108/- per Gross Nett

A Few Specimen "SURE SHIELD" Advertisements

THOS GUEST & CO., LTD.
CARRUTHERS STREET,
ANCOATS, MANCHESTER.

LONDON DEPOT:
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MINORIES, E.1.
TELEPHONE: ROYAL 8111.

The National Advertising Campaign for Penetrol commences in November

As a result of the remarkable selling success of Penetrol Brand Inhalant a forceful Advertising Campaign on its behalf will be launched next month. It will be up to You to collect the profits from the many new customers who will demand Penetrol.

●

Penetrol sets up a new standard. It is a compound mentholated lavender which has a very pleasant odour and people can thus use it anywhere without causing an objectionable smell. Find a regular place for Penetrol in your window displays and make more money . . . .

●

It is by concentrating on products of quality such as Penetrol which enables the ambitious Pharmacist to improve and increase his business each year, knowing that he is building up on a firm and solid foundation. Sell the product which is in big demand.

●

Display Penetrol in your window and on your counter. Striking showmatter is available which will link up Your Pharmacy with the advertising and convince customers at the point of sale. It's a great opportunity for you to make more money this winter season.

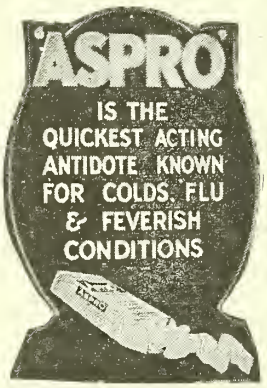
Be prepared. Look to your stocks and see that you are in a position to pocket the big profits which this forceful Advertising will create

W. B. CARTWRIGHT LTD., RAWDON. LEEDS

The 'Aspro' Review

17% Extra Profits. "British to the Core" *New Series. Display Features.*

Send COUPON below for this New 'ASPRO' Window Display



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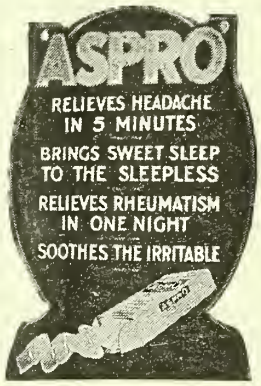


By featuring 'ASPRO' Displays in your window you link up your store to the largest Medicine Publicity Campaign in the World

Following the success of our recent Man-Nurse and Child Display for Chemists and the many letters of appreciation received we have pleasure in announcing a new 3-piece series now ready for distribution. These productions combine suggestion and reasons why customers should enter your store to purchase 'ASPRO.' The sooner you co-operate by featuring 'ASPRO' Displays—the greater is your opportunity of benefiting by the consumer demand created by our huge advertising campaign. Be first in the field by showing this new 3-Piece Display. Simply fill in name and address and post to Gollin & Co. Pty., Ltd., "Aspro" Dept., Slough, Bucks. The displays will be despatched to you promptly.

17% Extra through buying 'ASPRO' on Bonus Terms.

The 'ASPRO' bonus on unstamped 'ASPRO' is as follows:— On a one gross order for 10's the bonus is one dozen packets; on half-gross order, ½ dozen packets. Half-gross 10's is the minimum order accepted for Bonus purposes. On a 1 gross order for 27's the bonus is 2 dozen packets, on a half-gross order 1 dozen packets, and on a quarter-gross order ½ dozen packets. A quarter-gross order is the minimum quantity. There is no bonus on 5's or 60's.

The conditions are that the Chemist who buys on these terms undertakes to display 'ASPRO' Advertising matter in his shop window for 14 days, and sell at advertised prices. As 'ASPRO' is so extensively advertised, this action will not only bring customers into the Chemist's shop to purchase 'ASPRO,' but should enable the chemist's staff to make other sales to these customers. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices. For Bonuses it is not necessary to buy both sizes at the same time, i.e., single lots 6 dozen 10's or 3 dozen 27's will qualify the Chemist.

You order as follows:—We do not sell direct to the Chemist. All our business goes through Wholesalers. Orders may be sent either to your Wholesaler or direct to us. If to us, state the name of your Wholesaler, so that we may forward the order on and the Bonus will be supplied direct by us.

Ordinary prices for unstamped 'ASPRO' are as follows:—

3d. size	(containing 5 tablets)	2/3 doz
6d. „	(containing 10 tablets)	4/6 „
1/3 „	(containing 27 tablets)	11/6 „
2/6 „	(containing 60 tablets)	21/- „

Less 2½% 30 days.

NOTE.—The 1/3 size contains two extra tablets. 2/6 size ten extra tablets.

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made by ASPRO LIMITED, SLOUGH, England.

Agents:

GOLLIN & CO. PTY. LTD. ('Aspro' Dept.), SLOUGH, BUCKS.

'Phone: Slough 608.

No proprietary right is claimed in the method of manufacture or the formula.

'ASPRO' REG. TRADE MARK

COUPON for New 3-Piece 'ASPRO' Display.

GOLLIN & CO. PTY. LTD. ('Aspro' Dept.), SLOUGH, BUCKS.

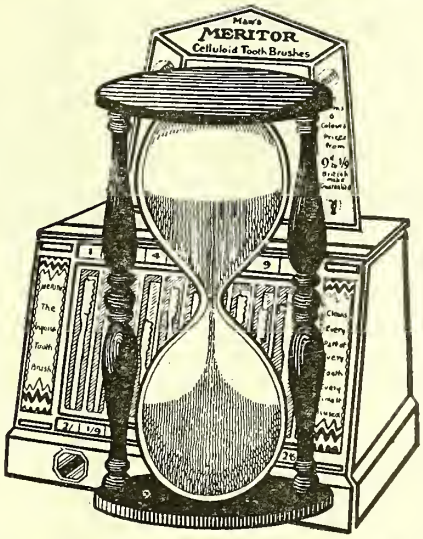
Please send me above displays.

Name.....

Address.....

C. & D.

Maw's Page



Minutes Are Money

Due appreciation of the value of time is one of the keys to business success. Minutes are money; to save time is to increase profits.

The Meritor tooth brush stocking and selling scheme with its two handsome display cases, offers you a certain means of saving minutes and making money.

The cases keep tooth brushes—your own branded tooth brushes, sold by no outside trader—constantly before your customers. They sell unaided—automatically. They make the sale of a tooth-brush a matter of seconds instead of minutes.

And the business they create is sound business, worth while business. It yields fair profits. It brings certain repeats. It gives satisfaction to your customer and enhances your reputation. It helps to ensure your future prosperity.

The Meritor bone and celluloid tooth brush display cases are a feature of the majority of pharmacies. Are they prominently shown on your counter?

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.

TRADE MARK

ROBINSON'S of CHESTERFIELD for CARDBOARD BOXES

ROUND · OVAL · SQUARE · FOLDING

ROBINSON & SONS LTD.
CHESTERFIELD & LONDON

BEADED BOXES

The boxes illustrated above are finding increasing favour amongst chemists. They are dust-proof and air-tight and of a very attractive appearance.

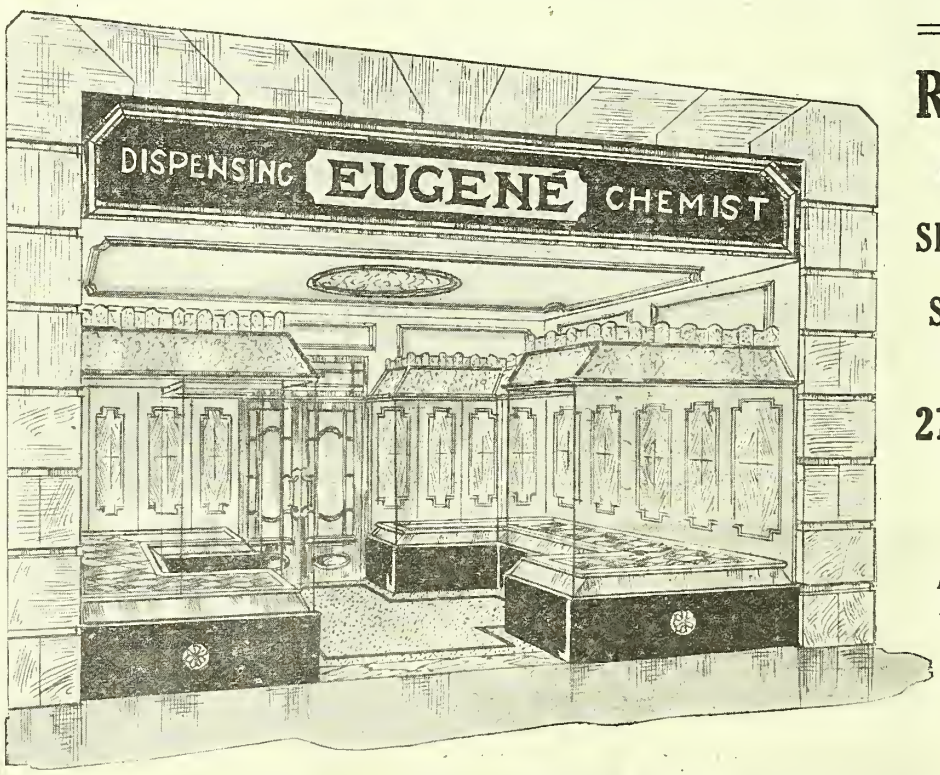
Fitted with a flanged metal lid which is easily lifted out they form a very useful container.

Blank panel on reverse side for printing in Customer's name and address.

ROBINSON & SONS, Ltd.

Manufacturers of ROUND, OVAL, SQUARE AND FOLDING CARDBOARD BOXES.

CHESTERFIELD



Rudduck & Co.

Shop Fitters and Shop Front Builders

219 Old St. London E.C.1

Estimates and Plans free of charge.

A joy to the eye and to the palate

Get the Original and Best
Licorice and Menthol Pellets—
Always black, glossy and hard—
Never stick together—
Beautifully uniform in shape,
quality and finish.

NEW PRICES

4½d. tins **2/9** doz.	-	**30/-** gross	FULL WINDOW DISPLAY MATTER
9d. tins **5/3** doz.			

Bonus for Window Show of 2 doz. 4½d. tins with £3 order or Credit Note for 10/6 with £5 order.

ERNEST JACKSON & CO., LTD.

CREDITON, DEVON

London Office - - Plantain Place,
Crosby Row, Borough, S.E.1 *Phone : Hop 2668*

We have minimised production costs by equipping our Works with the most up-to-date machinery.

These Tubes are of the highest quality and finish combined with as low prices as any house in the Trade.

BETTS COLLAPSIBLE TUBES

Samples and Quotations on request.

Best Service and Delivery.

ESTABLISHED 1857

BETTS & CO. LTD. 1 WHARF ROAD, CITY ROAD, LONDON, N.1.

Our Prices are certainly Right

SOME of the largest advertisers in the country use our service . . . why ? . . . because they know we have original ideas . . . can print at prices that keep "overheads" down . . . and they are sure of deliveries to time. When you are in the market for showcards, cartons, folders, booklets, labels, envelopes—in fact, any advertising matter—compare our prices with those you usually pay. We will guarantee to satisfy you regarding quality.

ALF HARRISON & SONS, LTD.

Chemists' & Advertising Printers, Burley Rd., Leeds

London Office : Sentinel House, Southampton Row, W.C.1.
Telephone : Museum 8340. *Also at* Dublin *and* Belfast.

TELLS ITS OWN STORY

The patient feels them doing him good.

Make an early start

Tussettes (BRAND)

THE RAPID Bronchial Tablet

It attracts you! It will attract buyers!

The latest and the smartest in Pharmacy

Per dozen - 4/-
6 dozen - @ 3/9
12 ,, - @ 3/6

Specimen outer of one dozen post free for 4/-

per 6d box

Right on the mark

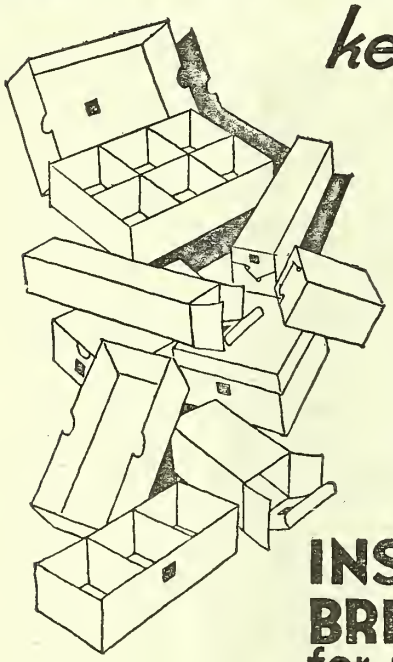
AYRTON'S OF COURSE

TUSSETTES
THE QUICK ACTION BRONCHIAL TABLET

AYRTON'S, LIVERPOOL, ENG.

CARTON USERS!

keep the wheels of British mills turning



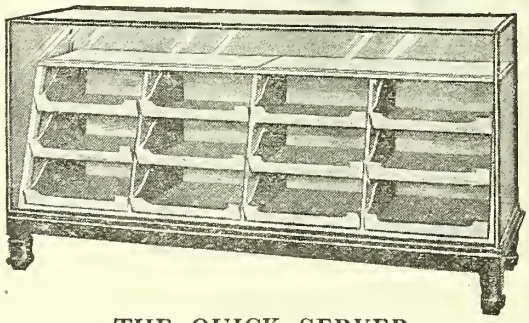
Seventy-five per cent. of the cardboard boxes sold in this country are probably made from foreign board. Most box makers would gladly submit samples of boxes made from British Board if asked to do so. Many box makers anxious to support British industry are fixing a coloured seal indicating this fact to specimen boxes made of British Board.

INSIST ON BRITISH BOARD for your boxes

Look for this seal on sample boxes

PW 2-6

RETURN for OUTLAY



THE QUICK SERVER

Ideal for business premises. Mahogany or Oak and Plate Glass. Three rows of light oak trays, opening from back as drawers. Above is a plate-glass shelf accessible by familiar sliding plate-glass doors.

Full illustrated list free on request.

On some goods you doubt that you are getting an adequate return for outlay, on some you are certain, on none can you rely so absolutely as on those things that enhance the attractiveness of your Pharmacy. A well-designed fitting is

An Investment

that brings a perpetual return. It attracts custom, gives status and lasts long after it has paid for the initial cost. We shall be pleased to discuss any shop-fitting problem.

WRITE CALL or PHONE Clerkenwell 2191

Philip Josephs & Sons Ltd.

90-92 St. John Street, Clerkenwell, E.C.1

PHARMACY FITTERS FOR OVER A CENTURY.

Late of OLD ST.

BUY HERE · BUY NOW

"Vapex" press advertising is now reaching a greater public than ever before, and this striking window display will act as a reminder to buy here and now. Bonus terms now available.

To EXPORT BUYERS—All orders and enquiries should be addressed to our Sole Export Agents Wm. ALFRED JONES Ltd., West India House, Liverpool

THOMAS KERFOOT & Co. Ltd.,
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

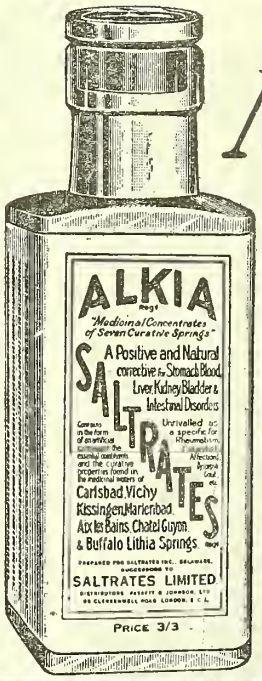
E/61

COPYRIGHT

Compounded UP TO A STANDARD

(The Highest Possible)

Never DOWN TO A PRICE



these lines are as near perfection in their respective fields as it is humanly possible to get them, regardless of cost or selling price. Your customer requires no persuasion after he has once given our preparations a trial. He then KNOWS they are just what he wants and is interested in no others. In other words—after you make the first sale these goods go on selling themselves.

Alkia Saltrates

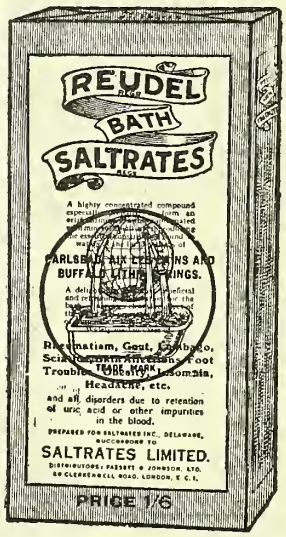
The most efficient Saline on the market and the best value for the money. Pleasant tasting and always satisfies the user. Widely advertised for Rheumatism, Gout, Sciatica, or any Liver, Kidney, Stomach, Intestinal or Blood Disorders, Catarrhal Affections, etc.

Sells at 3/3 (P.A.T.A.).

Reudel Bath Saltrates

The best selling and most fragrant, refreshing, beneficial and all-round satisfactory preparation for the bath—especially recommended for Corns and all Foot Troubles, Rheumatic Pains, etc.

Sells at 1/6 and 2/6 (P.A.T.A.).



YOU CAN STOCK THESE RAPIDLY MOVING LINES ON GUARANTEED SALE TERMS

Carriage Paid in Free Cases in United Kingdom on orders for three dozen, which may be assorted.

Showcards of strong selling power sent free on request.

Write for our Special Terms for Window Display.

DISTRIBUTORS FOR GREAT BRITAIN:—

FASSETT & JOHNSON, Ltd., 86 Clerkenwell Road, London, E.C.1

Australasia—36–40 Chalmers St., SYDNEY, N.S.W. South Africa—15 Bree St., CAPETOWN.

DOWN with the price -

UP with the Sales !

POND'S cleansing tissues

small size ~~9D.~~

reduced to 6D

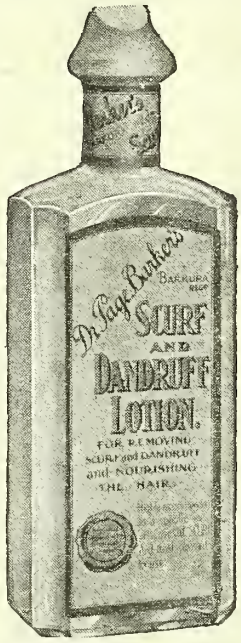
We are now able to announce another reduction in price—this time in the case of the smallest box of Cleansing Tissues. The old price of 9d. is reduced to 6d. from November 1st. A rebate will be granted upon any stocks of this item held on November 1st and bought under the former price.

This reduction will be the means of introducing the benefits of these Tissues to a far wider custom, and will mean a definite increase in sales, not only in this one item but in *all* the preparations which are so extensively advertised under the name of Pond's Complete Method of Skin Care that the increasing popularity of any one is reflected in the others—*Pond's Cold Cream, Cleansing Tissues, Skin Freshener,* and *Vanishing Cream.*

RETAIL PRICES

Pond's Cold Cream, Opal Jars 5/-, 2/6 and 1/3, Tubes 2/6, 1/- and 6d.
Pond's Cleansing Tissues, per Box 2/-, 1/3 and 6d.
Pond's Skin Freshener, per Bottle 4/-, 2/6 and 1/-
Pond's Vanishing Cream, Opal Jars 2/6 and 1/3, Tubes 1/- and 6d.

POND'S EXTRACT CO., 103 St. John Street, London, E.C.1.



With every order for 3 dozen you get three 2/6 bottles as bonus, handsome metal showstand, and attractive showcards.

Dr. Page-Barker's Scurf & Dandruff LOTION

The recognised specific for scurf

EVERY bottle of Dr. Page-Barker's Scurf Lotion bears a positive guarantee that it will eradicate scurf or the purchase price will be refunded. This makes it the easiest to sell of all hair and scalp specifics. And the profit is handsome.

2/6

P.A.T.A.

PER 18/- DOZEN

SEE OUR NEW & ARTISTIC SHOWCARDS

WRITE FOR EXPORT TERMS

THOS. CHRISTY & CO., 4-12 OLD SWAN LANE, LONDON, E.C.4

Established 1795.

LAUTIER FILS

Works: GRASSE (France) & BEYRUT (Syria).

Essential Oils and Synthetics.
All Raw Materials for Perfumery.

Olive, Peach Kernel, Sweet Almond Oils
Floral Waters.

Sole Agents for:—

PAOLO VILARDI *Messina Oils:*
Lemon, Bergamote, Sweet Orange, etc.

S.A. FLORFE *Spanish Oils:*
Spike Lavender, Rosemary, Thyme, Pennyroyal, etc.

C. MINTCHEFF & KETCHEDJIEFF
Otto of Rose. Bulgarian.

Wholesale and Export only.

LAUTIER FILS, Ltd. 107 Commercial St., London E.1.
Tel. Add.: "Lautiert, Phone, London." 'Phone: Bishopsgate 8271/2

BY APPOINTMENT

GUARANTEED PURE

ENGLISH PEPPERMINT OIL

Grown and Distilled from Mitcham Plants

by

CHIVERS & SONS LTD.

HISTON, CAMBRIDGE, ENGLAND

Samples & Quotations on request from the sole selling Agents

BRUCE STARKE & CO.

16 WATER LANE, GREAT TOWER ST., LONDON, E.C.3

OPPORTUNITY!

A SENSATIONAL FREE GIFT

SOIR de PARIS

(EVENING IN PARIS)

THE NEWEST FRENCH PERFUME

In this beautiful package is a full size box of "Soir de Paris" Face Powder (20/- per dozen, to retail at 2/6 each). With this package is given an exquisite bottle of "Soir de Paris" Perfume FREE. The offer will be widely advertised in the "Daily Mail," "Daily Express," "Daily Mirror," "Daily Sketch," "Sunday Pictorial," all popular Magazines. It will meet with an immediate and universal success, and so be the basis of a constantly growing demand for this wonderful new Powder and Perfume.

And what a wonderful line for your Christmas Trade!

Send your order NOW. Be ready for the start of the big advertising early in November.

2/6 RETAIL

If you have not received the Folder announcing scheme write to Sales Dept.:

A. BOURJOIS et CIE., LTD., 4, WATER LANE, BLACKFRIARS, LONDON, E.C.4

PARIS, NEW YORK, SYDNEY, WELLINGTON.

BOURJOIS

PARIS

What they say:

Bradford,
10/7/1930.

"My sister and I use your Shampoos, Setting Lotion and Cream. We have just added a Creme de l'Opera to our supply and find it quite different to other creams, it has softened my skin very quickly.—E.M."

London, 30/8/1930.

"It may be of interest to you to know that having run out of my usual brand of hair cream, I risked asking my wife to obtain a further supply. On the following morning I found a bottle of Ku-Bist in the place of the usual cream.

I must mention that my hair is particularly wiry and I was obsessed with the idea that only a very heavy sticky cream would control it, but from the first application of Ku-bist I found my hair was perfectly controlled, without the usual 'gluey' appearance.

I am extremely grateful to both you for marketing such an excellent product, and to my wife for her good taste in purchasing it.—J.T."

London, 18/10/1929.

"I think it only fair to say that I attribute the freshness and youthful appearance of my complexion to the regular use of Ku-bist Skin Food. I also find Ku-bist Cold Cream and Vanishing Cream quite the best of any I have tried, and their delightful fragrance lends to them an added charm.

Those who are particular about their skin should certainly use Ku-bist preparations.—J.S."

Sheffield, 20/1/1930.

"I feel I must write and congratulate you on the production of a hair cream that really does the job it is intended to do. I have now been using your Rosola Hair Cream for several months and can honestly say that it is the best hair cream I have yet tried, as one only needs to apply it in the morning and the hair 'stays put' for the rest of the day. I may say that my hair is very unruly, especially after it has been washed, but thanks to Rosola my hair always has that well groomed appearance that is so much envied amongst my business acquaintances."—L.A.

London, 2/8/1929.

"I feel I must let you know how perfectly satisfied I am with the results obtained since using your Ku-bist Rosola Hair Fixative.

Recently, during a fortnight's stay at Pagham, nr. Bognor, my forehead became sunburnt and very tender, and as soon as my hair became disarranged owing to the wind and sun having dried the cream which I was using, particles of hair would irritate my forehead very considerably. Determined to find some sort of fixative to overcome this nuisance I asked the advice of a chemist in Bognor who immediately recommended Ku-bist Rosola Fixative. I agreed to purchase a bottle, and I must confess that the result was all that could be desired.

Kindly accept my grateful thanks for putting on the market a fixative which IS a fixative, and which also possesses a pleasant and lasting perfume.—G.S.W."

Downham, Kent, 13/9/1929.

"I should like to congratulate you on your very fine hair preparation. Ku-bist Hair Fixative is all you claim it to be, and I am really glad that I have discovered it.

One point that I particularly like is the restrained perfume. So many preparations are over-scented that it is a real pleasure to find one where the perfume has been introduced with consideration for the masculine taste.

I hope Ku-bist has the success that it merits."—F.W.T.B.

Originals of all these can be seen at Leeds

ABRIDGED PRICE LIST (full list on request)

HAIR FIXATIVE and "ROSOLA" (with Oil)

(Small)	1/- size ..	8/-	per doz. net.
(Medium)	1/9 ,, ..	13/6	,,
(Large)	2/9 ,, ..	21/-	,,

Brilliantine Rose
Brilliantine Lily
Bay Rum
Bay Rum and Jaborandi

Jasmine & Violet Oils
Cocoanut Oil, Dry and Pine Tar Shampoos
Wave Setting Lotion

(Small)	1/3 size ..	10/-	per doz. net.
(Medium)	2/3 ,, ..	17/-	,,
(Large)	3/3 ,, ..	23/-	,,

BRILLIANTINE, SOLID—
1/3 .. .. .. 10/- per dozen.

COLD CREAM & VANISHING CREAM—
1/6 jars .. .. 12/- per doz. net.
6d. tubes .. .. 4/- per doz.

SKIN FOOD & LEMON CLEANSING CREAM
2/- jars .. .. 16/- per dozen.
9d. tubes .. .. 6/- ,,

CREME DE L'OPERA—
Retail 2/9 .. .. 20/- per doz. net.

Ku-bist

LEEDS
LONDON
PARIS

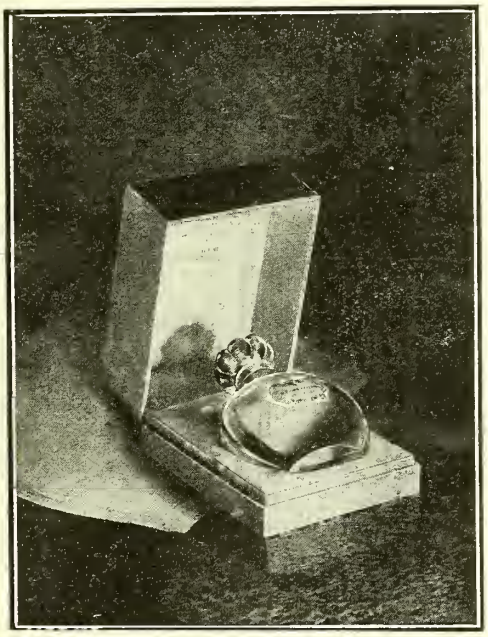
Goodall, Backhouse & Co., Leeds.

HOUBIGANT

PARIS
The leading Perfumer
Established 1775

XMAS TRADE

" QUELQUES FLEURS " Perfume is obtainable in all sizes from **3/3** to **82/-**. It is also included—with other articles—in gift-sets at all prices suitable for the Christmas Trade.



Now is the time to Stock and Display " QUELQUES FLEURS " and other Houbigant Perfumes.

STOCK HOUBIGANT—IT SELLS

PARFUMERIES DE PARIS, LTD.

ACTON, LONDON, W.3

MERCOLIZED WAX

— : for the Complexion : —

and

STALLAX

— : a Shampoo : —

TWO substantial and well-advertised lines which show a handsome profit to the Retailer, and, moreover, may be stocked fearlessly owing to the Manufacturers' most liberal Sale or Return Guarantee.

Both are obtainable in two sizes, and their reputation and sterling value assure a steady turnover.

Order through your Wholesaler, or direct from:

DEARBORN (1923) LIMITED

37 GRAY'S INN ROAD, LONDON, W.C.1.

Telephone - - - HOLBORN 9669

PUFFS BY Mary Marshall

Puffs, whose soft luxuriance tempt every woman to purchase—puffs, whose cool touch satisfies the most fastidious of your clientele—puffs, whose inviting charm create their own sales—these are the reasons why all who sell beauty culture aids should stock Mary Marshall Puffs.

In white and all fashionable shades to retail at prices from one shilling to four guineas.

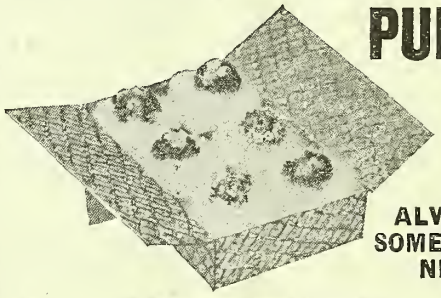
Write for particulars and trade prices.

M.M.

Mary Marshall
LIMITED

4, CASTLE BOULEVARD, NOTTINGHAM

PUFFS



ALWAYS SOMETHING NEW

WILLIAMSON BROS., LTD.

Hop. 3419. **177 Southwark Bridge Rd., LONDON, S.E.1**

2D. EACH **TEMMAH** 2D. EACH

To-day's most popular

SAFETY RAZOR BLADE

TO FIT ALL 3-PRONGED HOLDERS

Compare with other makes **THE PROFITS YOU EARN** on these terms:—

15s. Per Gross, less 10% Discount

CASH WITH ORDER OR C.O.D.

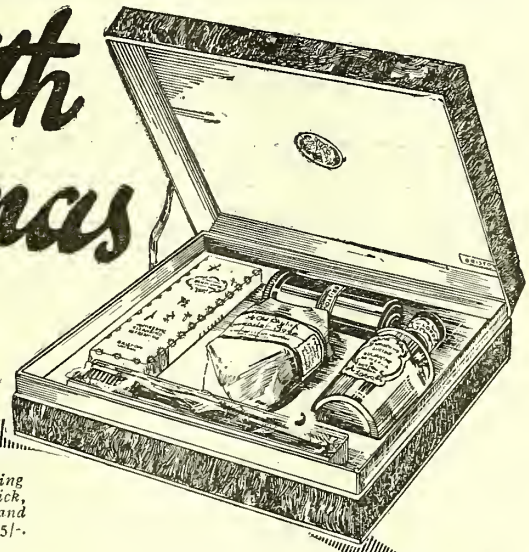
PLUS BONUS OF 2 DOZ. PER GROSS,

Orders executed on S/R basis nett.

TEMMAH PRODUCTS, LTD.

14-16 LOWER CLAPTON ROAD, LONDON, E.5.

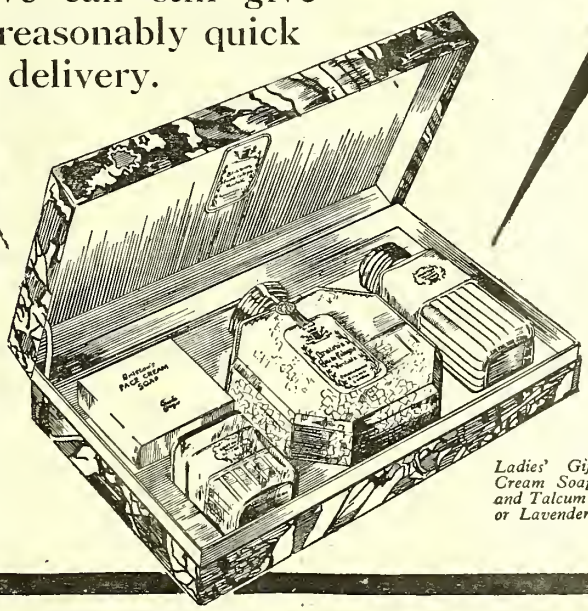
Be early with your Christmas Orders!



Gent's Gift Casket, containing Toilet Soap, Shaving Stick, Tooth Paste, Tooth Brush and Brilliantine, retailing at 5/-.

So popular has proved the new range of Bristow's Christmas Perfumery that already we are hard pressed to keep pace with customers' requirements.

All orders are being executed in strict rotation, and you are earnestly advised to place yours now, while we can still give reasonably quick delivery.



Ladies' Gift Casket, containing Face Cream Soap, Day Cream, Bath Salts, and Talcum Powder, in Eau de Cologne or Lavender - - retailing at 5/6

T. F. BRISTOW & Co LTD. COLINDALE, LONDON, N.W.9

West End Showrooms: MAPPIN HOUSE, 158 OXFORD ST., W.1. (Phone: Museum 5478)

a first-rate Xmas money maker...

6d.

THE NEW

AMAMI
MANICURE SET

The miniature Manicure Set is the latest new-comer to the popular AMAMI Manicure requisite series ... and it's a wonderful line for Christmas. It contains Nail Varnish, Nail-stone, Cuticle Fluid, Emery Board and Orange Stick—all of Amami quality—and retails for 6d. Order your stocks early. There will be a large demand.

Take advantage of the 83% Bonus Parcels which include supplies of the 6d. Miniature Manicure Set

Parcel A. £2.5.0. Nett profit £1 . 0 . 5.
Parcel B. £3.7.6. Nett profit £1.16.11.

Order from your usual wholesaler or direct from Prichard & Constance (Mfg.) Ltd., 11, Broad Street, W.C.2.

If its Customers you want

YOU SHOULD STOCK

PETAL DUST

"Wherein the subtle savour of the Flowers sublimely dwells."

THE GREAT FLORAL AIR PURIFIER

A TRIAL WILL CONVINCE YOU THAT——

PETAL DUST, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

PETAL DUST, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

RETAILS IN PACKETS AT 4d. AND 8d. EACH.

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or from Sole Producers :—

THE ROSMARINE MANUFACTURING CO.
LONDON, S.E.1

HELLO! EVERYBODY!

Old Man Wanie speaking—just done 10 days' work, and still 'keen' for more!

Sell WANIE

THE BLADE THAT LASTS.

FREE SAMPLE ON REQUEST.

Dept. C.D., WANIE DISTRIBUTING CO., 89 Aldgate High Street, E.C.3.
Irish Free State Agents:
Messrs. W. A. FREEDMAN & CO., 21, Merchant's Quay, DUBLIN.

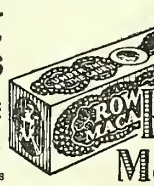
Tried & Proved

Rowland's Macassar Oil is no new preparation; it has been used all over the world for more than 137 years and everywhere it is held in the highest esteem. It is guaranteed to contain no injurious substance

P.A.T.A. 3/6,7/- & 10/6

Red for dark hair; golden for fair or grey hair.

From all Wholesalers



Rowland's Macassar Oil

A. ROWLAND & SONS. Ltd., 112 Guilford St., London, W.C.1

RM4T

Tokalon Gift Sets

Good Value to you all the year round

No. X.S.2

No. X.S.7

No. X.S.1

No. X.S.3

No charge for box—the price of each set is the ordinary price of contents on ordinary terms. All chance of loss is eliminated and the stock is always good. What toilet lines can you depend on better at all times for regular sales than a popular selection of Poudre Tokalon, Tokalon Compacts, Tokalon Lipsticks, and Parfum Tokalon?

Order now to avoid disappointment. These boxes represent the last word in high-class Gift Sets at popular prices, and are sure to be rapidly sold out.

XMAS 1930

No. X.S.1 Contains daintily etched fashionable thin gilt Compact case and a charming gilt-capped Parfum Tokalon—Box selling at 2/9.

No. X.S.2 Contains the ever popular De Luxe size Gilt Compact and dainty gilt-capped Parfum Tokalon—Box selling at 3/3.

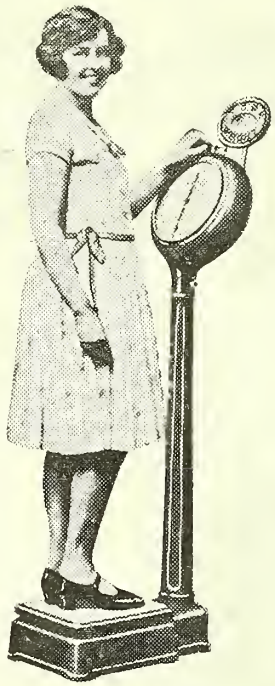
No. X.S.3 This contains the same as set No. 2 except that a popular size Orange Lipstick is included and the whole sold at 4/3.

No. X.S.7 Contains 1/- box of Poudre Tokalon and a dainty gilt-capped Parfum Tokalon—Box selling at 2/6

These sets can be supplied as part of an ordinary order in accordance with our usual Window Display Terms.

TOKALON LTD.

212-214 GT. PORTLAND STREET, W.1



There are hundreds of Chemists

in the United Kingdom and Ireland who have possibly only given a passing thought to the question of installing

AUTOWAY

Personal Weighing Machines

in their premises, yet these machines are taking £5 to £50 per annum in Pharmacies throughout the country.

With every Autoway we present, gratis, a handsome Infant Balance, which in itself brings Nurses and young mothers to the Pharmacy.

AUTOWAY COY.

We arrange easy terms of payment

13 Wellington Street GLASGOW | 51 Farringdon Road LONDON | 172 Chapel Street MANCHESTER

Chemists are finding

the demand for

AEROFUME

is growing as a result of our publicity scheme, and just at this season when proved successful remedies to combat the ravages of Influenza are in demand YOU cannot afford to be without

Aerofume

NATURE'S GERMICIDE

OUR LEAFLETS, SHOWCARDS AND POSTERS HELP RETAILERS TO PUSH THE SALES.

A quick selling line, conveniently packed and giving a generous margin of profit.

May we send you further particulars?

WALDEN, WALDEN & CO.

15 GRAPE ST., NEW OXFORD ST., LONDON, W.C.1

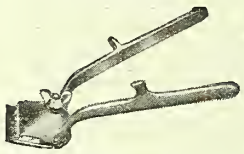
HAIR

BURMAN

CLIPPERS

For SURGICAL and VETERINARY PURPOSES.

The British-Made Hair Clipper.



Dainty Shingling Clippers for Ladies' use.

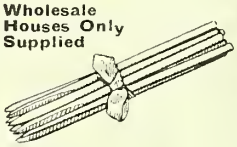
HAIRDRESSERS' CLIPPERS

BURMAN & Sons, Ltd., BIRMINGHAM

BRITISH GOODS

that meet foreign competition

Wholesale Houses Only Supplied



Manicure Requirements

CARDED AND BOXED

Phone No.:— Archway 2144

It will pay you to ask us for our prices

ROBERT LEE, 14 Calverley Grove, N.19.

Creating a DEMAND for "Junofloris" TOILET AIDS!

Thousands of Advertisements Every Day!

WE are creating a demand for our "Junofloris" range of Toilet Aids, with new additions, amongst all purchasers of "HARLENE" Preparations by means of the Literature packed with all our other goods. Thousands of *Satisfied* "Harlene" enthusiasts read about them every day—each Customer for *any* "Harlene" Product is also a potential Customer for "Junofloris" Toilet Aids.

Popular Prices — Good Profits

The profit is very generous and the series comprises :—

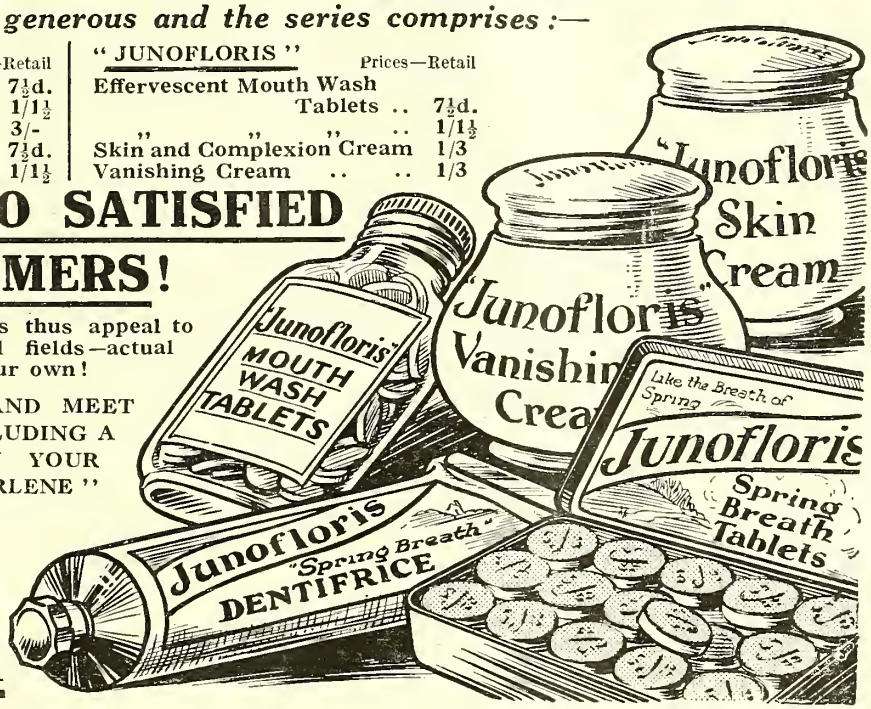
"JUNOFLORIS"	Prices—Retail
Spring Breath Tablets ..	7½d.
" " " ..	1/1½
" " " ..	3/-
" " Dentifrice	7½d.
" " "	1/1½

"JUNOFLORIS"	Prices—Retail
Effervescent Mouth Wash Tablets ..	7½d.
" " " ..	1/1½
Skin and Complexion Cream	1/3
Vanishing Cream	1/3

SELLING TO SATISFIED CUSTOMERS!

"Junofloris" Toilet Aids thus appeal to the most fruitful of all fields—actual satisfied Customers of your own!

WRITE FOR TERMS AND MEET THE DEMAND BY INCLUDING A SMALL QUANTITY IN YOUR NEXT ORDER FOR "HARLENE" PREPARATIONS.



Edwards Harlene Ltd.
20/26 Lamb's Conduit St.,
LONDON W.C.1

Moderately priced—
yet unsurpassed
at ANY price

MYATT
DAYMARK
BLADES

For double-edge razors

Five for 1/3
50% PROFIT ON COST

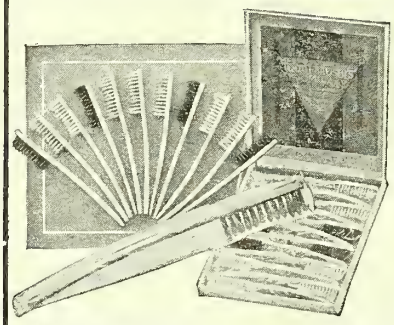
Sole Manufacturers
W. J. MYATT & CO., LTD.
BIRMINGHAM

G. B. KENT & SONS, LTD.

Are known the World over as
the Largest Manufacturers of

BEST BRITISH BRUSHES

Please write for full Particulars to :—
75 FARRINGDON ROAD, E.C.1.



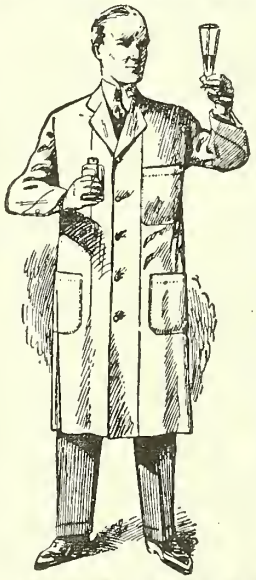
- THE -
"STATIC" TOOTH BRUSH

BONE HANDLES
WHITE, UNBLEACHED, OR BLACK BRISTLES

6/6 per doz.
From all wholesalers

MANUFACTURERS :
W. R. SPEER & SON, 215 Dalston Lane, E.8
Estd. 100 Years.

OVERALLS



SEND FOR NEW ILLUSTRATED LIST

Jackets and Coats of very superior quality, made from the most reliable materials, smartly cut and thoroughly well finished in every detail.

WHITE DRILL JACKETS 6/11, 8/11, 10/6
KHAKI DRILL COATS 6/11, 8/6, 10/6, 12/6, 14/6
WHITE DRILL COATS 7/6, 9/6, 12/6, 13/6, 15/6
BLACK DRILL COATS 15/6
GREY COTTON COATS 7/6

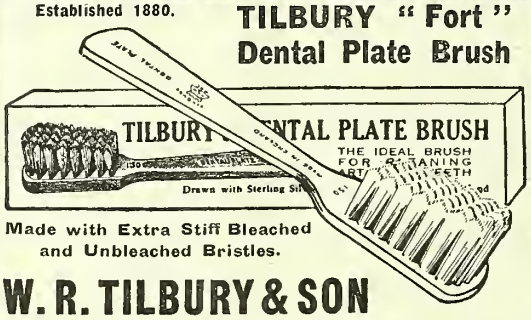
STOCK SIZES: 34 to 44 chest. Special pockets and little adjustments can be made without extra charge. POSTAGE on single coat 9d., but 20/- orders upwards carriage paid

SPECIAL PRICES FOR LARGE QUANTITIES

GARDINER
& CO. *(The Scotch House),* **LTD.**
1, 3, 5 Commercial Road, LONDON, E.1
Telephone : Bishopsgate 6751. *Established 1839.*

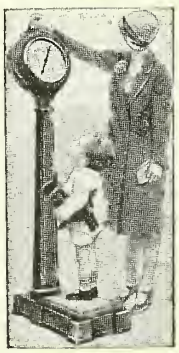
Established 1880.

TILBURY "Fort" Dental Plate Brush



Made with Extra Stiff Bleached and Unbleached Bristles.

W. R. TILBURY & SON
47 FRAMPTON PARK ROAD, HACKNEY, LONDON - - - ENGLAND



Let the "GEM" make money for you

Write for particulars and name of local agent to the manufacturers :—
THE GEM
AUTOMATIC WEIGHING MACHINE COMPANY LIMITED
46 NEW CITY ROAD
GLASGOW C.4

Introducing

I-O-dent

THE ORIGINAL
IODINE
TOOTH PASTE

I-O-DENT is now proving itself the biggest 'SELLING' window attraction.

BE FIRST IN YOUR DISTRICT

Magnificent show material supplied with 6 doz. lots, carriage paid.

Special bonus terms with 12 doz. lots.

PRICES

6d. size - **3/3** per doz.
1/- „ - **6/6** „

5% one month.

Write to-day for Special Bonus Terms to—

THE IODENT LABORATORIES, 56 Durham Road, Holloway, London, N.7

NEW LINES

CHRISTMAS CARDS

FROM

SNAPSHOTS

AND

PHOTOGRAPHS

LOW PRICES

INCREASED BUSINESS

NO STOCK

HAND-COLOURED CHRISTMAS CARDS

Size 3″×4″ made from any size negative, and mounted in attractive Christmas Card booklet with parchment cover.

RETAIL PRICES from one negative

12 Cards **7/6** 6 Cards **4/3** Single Cards **9d.** each

Trade discount **33⅓%**

PORTRAIT CHRISTMAS CARDS

Reproduction in black-and-white from any portrait, mounted in Christmas booklet.

NO NEGATIVES REQUIRED

RETAIL PRICES from one portrait

12 Cards **7/6** 6 Cards **4/3** 3 Cards **3/-**

Trade discount **33⅓%**

These two attractive showcards, size 7½×10½, sent post free for 1/-

We also have many other lines, including CALENDARS, STATUETTES, ETCHINGS, etc.

Please write for particulars

UNITED PHOTOGRAPHERS LTD.

384 Chester Road
MANCHESTER

72 Miles Street
DINGLE
LIVERPOOL

Crown Street
LEEDS

A PRESENT of 15/-

GREAT BONUS OFFER

1 DOZEN 1/3 SIZE

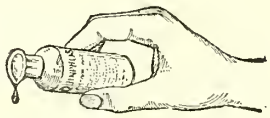
"QUINPHOS"

FREE WITH A £3 ORDER

	COST		SELLS FOR
2 doz. 1/3 "Quinphos" Liquid @ 11/6	1 3 0		1 10 0
1 ,, 1/3 "Quinphos" Tablets @ 11/6	11 6		15 0
½ ,, 3/- "Quinphos" Liquid @ 27/6	13 9		18 0
½ ,, 3/- "Quinphos" Tablets @ 27/6	13 9		18 0
	3 2 0	Bonus	15 0
5 % 1 month	3 1		
Total cost	£2 18 11	Sells for	£4 16 0

Profit of £1 17 1 on an outlay of £2 18 11

62.9% Profit on Cost 38.6% Profit on Selling Price



A FINE SCREEN, GIANT DUMMIES and SHOWCARDS for a first-class and extremely attractive window show.

PLEASE NOTE: The terms offered above show a much better gross profit than a Chemist gets on the whole of his business.

THOMPSON & CAPPER WHOLESALE LTD.

MANESTY BUILDINGS, COLLEGE LANE, LIVERPOOL

Behind every MAZDA Lamp is the B.T.H. assurance of high quality and good service

MADE IN ENGLAND.

REDUCED PRICES
PEARL MAZDA LAMPS
(Standard Voltages)
15w. 25. 40. 60w. 100w.
2/- 1/10 3/-

3311

Ask your dealer for new Leaflet (L.504) giving complete list of reduced prices.

THE BRITISH THOMSON-HOUSTON CO., LTD.,
(SUBSIDIARY OF ASSOCIATED ELECTRICAL INDUSTRIES LIMITED)
CROWN HOUSE, ALDWYCH, LONDON, W.C.2

Xmas Window Posters, Showcards, & Window Decorations

will give that finishing touch to convince the potential buyer that yours are the goods for Christmas presents. Illustrated List, in colours, No. C.D. 1206, showing tickets, posters, window slips, and all decorations applicable to the festive season, free on mention of this journal.

DUDLEY & CO. LTD. 451 HOLLOWAY RD. LONDON, N.7.
City Showrooms—65-66 FORE STREET, E.C.

SHOWS OVER 33% PROFIT.

4½D per tin. HOLIDAY'S 4½D per tin.
GINGER BEER CRYSTALS

One tin makes Two Gallons of
Sparkling Home-Brewed Ginger Beer
NO BOILING OR STRAINING REQUIRED.

36/- per gross, nett. Carriage Paid. Packages Free.
3 doz. sample lot, post paid, 10/-. *Advertising & Show Matter.*

SOLE MANUFACTURERS:
HOLIDAY & CO, LTD., City Mills, Durham.

COMPLETE PHARMACY INTERIORS from £70
SKETCHES & QUOTATIONS ON REQUEST

ALL ROUND VALUE

We specialise in short-notice requirements

R. TOMLINSON & SONS LTD.
3 LIONEL ST. (New Address)
BIRMINGHAM

TREBLES SHOP FITTERS SHOP FRONT BUILDERS
PHARMACY FITTERS for over a Century.
549a Lea Bridge Road, Leyton, London, E.10

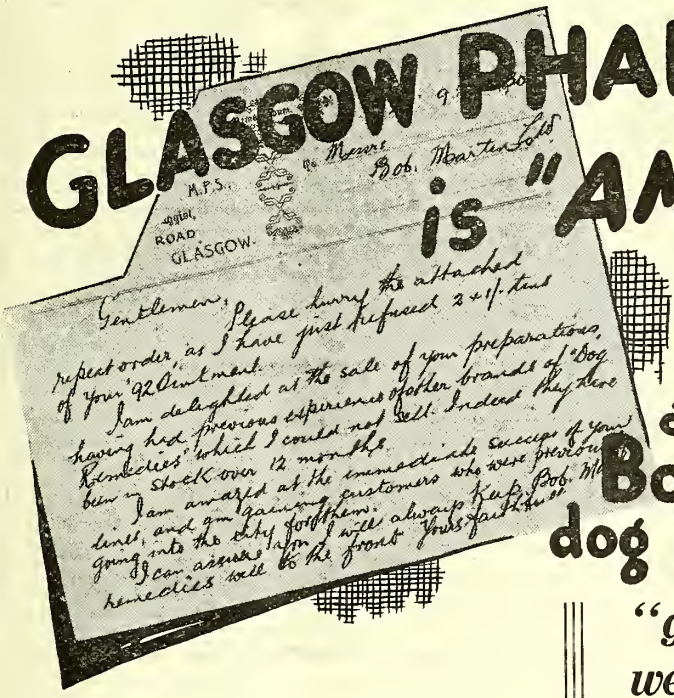
NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessaries from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—
OSCAR SCRUTON & CO., YORK

GLASGOW PHARMACIST is "AMAZED"...



at sales of Bob Martin dog preparations

"gaining customers who were previously going into city."

WE think every Pharmacist will wish to read this letter. The writer states :—

"Please hurry the attached repeat order, as I have just refused two 1s. tins of your '92 Ointment.
I am delighted at the sale of your preparations, having had previous experience of other brands of Dog Remedies which I could not sell. Indeed, they have been in stock over 12 months.
I am amazed at the immediate success of your lines, and am gaining customers who were previously going into the city for them.
I can assure you I will always keep Bob Martin's remedies well to the front."

One-third of the people who pass and enter your Pharmacy are dog owners who have become ready buyers of Bob Martin's dog preparations, as a result of the consistent educational advertising which Bob Martin Ltd. have maintained in the people's newspapers. You have only to let your customers know that they need go no farther than your Pharmacy, and sales are certain and consistent. For that reason, we provide a range of display material which covers every individual requirement, including a *three-piece screen, a counter card 6 in. by 4 in., leaflets, dummy display outers, and a 32-page booklet.*

These sales-aids are available, of course, whether you obtain your supplies direct or through your wholesaler.

This 32-page booklet, **BOB MARTIN on DOGS,** is the handiest and most practical reference book on the common ailments of dogs; written in non-technical language and pleasantly relieved with illustrations; the container, which is beautifully printed, holds one dozen copies and takes up only nine inches of counter space. **One is included in every £1 display parcel.**

THE

DISPLAY £1 PARCEL

is strongly recommended to those who have not yet taken up a complete range of Bob Martin preparations. The retail value is **£1 : 9 : 0**, and contents are :—

			s.	d.
2 doz. 6d. Bob Martin's Tasteless Condition Powders				
½ doz. Small Strength	1/10½			
1 „ Medium „	3/9			
½ „ Large „	1/10½			
			7	6
½ doz. 6d. Distemper Powders			1	10½
¼ „ 6d. Worm Powders			1	1½
¼ „ 6d. Worm Tablets			1	1½
¼ „ 1/- '92 Ointment			2	3
¼ „ 6d. Cleansfur			1	1½
¼ „ 6d. Antiseptic Dog Soap			1	1½
¼ „ 1/8d. MartinMilk			3	10½
Carriage Paid, in the United Kingdom.			£1	0	0

A good supply of display material accompanies this parcel, **including one dozen copies of BOB MARTIN on DOGS packed in a display container, as illustrated.**

BOB MARTIN LTD. *Dog Food and Medicine Manufacturers, since 1892* **SOUTHPORT, ENG.**

Retail Prices
Liquid Yadil or Yadilets (Yadil Tablets), 1/3, 3/-, 4/9, 12/-, 22/6.
OINTMENT 1/3 per tin.
PASTILLES, 1/- per tin:
SOAP 1/- per tablet.

YADIL
THE CERTIFIED SAFE ANTISEPTIC

Counter Wrappers
An attractive and sales-compelling range of Counter Wrappers is now available. A postcard will promptly bring you supplies.

YADIL PRODUCTS (1925), Ltd., 59, Sicilian House, Sicilian Ave., London, W C.1

FRED^K. FINK & CO.
10 & 11 MINCING LANE, LONDON, E.C.3.
TEL.: ROYAL 5094.
GUMS, ARABIC and TRAGACANTH as Imported or Finely Powdered. :: SHELLACS ALL GRADES.

"VITAMIN TESTED YEAST"
Yeast specially prepared for medicinal purposes.
GUARANTEED ABSOLUTELY PURE.
MIDGLEY & PARKINSON, LTD.,
WARREN WORKS, PUDSEY, LEEDS.

DRIED MILK
Large buyers of Full Cream, Half Cream, Separated, Milk Sugar, Whey Powder, Soluble Milk Casein, are invited to apply for samples and quotations, stating probable requirements. Eight Creameries in Dorset, Somerset and Wilts.
PRIDEAUX'S LTD., MOTCOMBE, SHAFTESBURY, DORSET

"O Phelps Brown's NATURE'S HERBAL REMEDIES"
AND
"DR. LANE'S CATARRH CURE."
Obtainable from your usual Wholesalers or direct from
The Teasdale's Chlorodyne Co. 75 Fitzwilliam St. HUDDERSFIELD

IONIZED IODINE (Kemsol Brand)
SURGICAL AND MEDICAL SOLUTIONS
FOR ALL INJURIES AND ILLNESSES
Sold in 2 oz., 4 oz., 8 oz. and 20 oz. bottles.
Obtainable from all Wholesalers or from Distributors:
BRADBURY AND COMPANY
FULWOOD HOUSE, HIGH HOLBORN, W.C.1

BUDNIP POWDERS
—A well-advertised line. Can be stocked with every confidence. Retails at 1/3. Shows excellent profits. Show matter and counter bills gladly sent on receipt of p.c. *Obtainable from your usual wholesaler, or from*
BUDNIP Ltd., Budnip House, OLDHAM
Telephone - - - Oldham 2136

ATLAS "KATTLEKURE"
The Best and Safest Remedy for Cattle, Horses, etc.
There is money to be made in Veterinary lines if you stock the right lines. "Kattlekure" is known throughout the country and regularly advertised in all the farming journals.
CARTER BROS., SHIPLEY, Yorks

McGUFFIE'S DOG MEDICINES
Dog Powders (*a*) for small dogs and kittens. (*b*) for medium dogs. (*c*) for large dogs. Antiseptic Ointment. Worm Powders. Worm Tablets. Wormseed Mixture for puppies. Distemper Powders. Worm Capsules. Full list on application. All goods carriage paid. From your usual Wholesaler or direct from JOHN McGUFFIE & Co., Veterinary Chemists, 10 Castle Street, LIVERPOOL

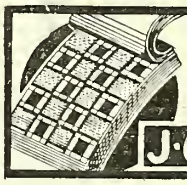
SHADEINE
FOR TINTING GREY HAIR
This popular article is largely advertised and stocked by all Wholesale Houses.

Trial size 8d. per doz.	6/-
1/4 size, per doz.	12/-
2/6 size, per doz.	24/-
3/9 size, per doz.	36/-

The SHADEINE CO., 58 Westbourne Grove, London, W.2

TATCHO
THE HAIR RESTORER
Sample Size 6^D.
6 Bottles in Case for Counter Display, 4/- PER DOZ.
PROMOTES, PRODUCES, BEAUTIFIES THE HAIR
1/3 size .. 12/6 per doz.
2/9 size .. 26/- per doz.
TATCHO Laboratories, 5 Great Queen Street, London, W.C.2

BATH & TOILET SALTS DE LUXE Nymphaea
INSTANTLY SOLUBLE
EVEN IN COLD WATER
Retail: 1/-, 3/6 & 6/6 P.A.T.A.
Patentees & Sole Manufacturers
SUPERFINE CHEMICALS, Ltd., FELTHAM. MIDDLESEX.



WINDOW DRESSING PAPERS
An Entirely New Range Just Issued:
SEND for SET No 742 AT ONCE.
POST FREE
J·C·KING LTD 42-60, GOSWELL RD LONDON E.C.1

A LINE THAT SHOWS GOOD PROFIT

and ensures the confidence of your customers.
3/6 per doz. to the Trade retailing at 6d. each.
From LEWIS SMITH, M.P.S., Hereford.
BONVET DOG POWDERS
THE SCIENTIFIC CURE FOR
DISTEMPER
SKIN DISEASES
CONSTIPATION
LOSS OF APPETITE
LIVER TROUBLE
WORMS

SO-IT-IS
A SCIENTIFIC DENTURE CLEANING PREPARATION Regd
YOUR Customers with Artificial Dentures Will Readily BUY IT.
THOS. CHRISTY & CO., 4/12 Old Swan Lane, London, E.C.4

TWO FOR THE PRICE OF ONE

FOR A LIMITED PERIOD ONLY, WITH EVERY ENLARGEMENT ORDERED, WE WILL PRESENT ANOTHER FREE OF COST!

This is a splendid opportunity for you to increase seasonal trade.
They make the IDEAL XMAS GIFT

Write for particulars and free showcards

ENLARGEMENTS

GEORGE BROWN

SPEEDY, RELIABLE, DEAD ON TIME

27A BRAZENNOSE ST.
MANCHESTER

B B*

Order Your Stock Now

Reglo

THE PUREST, SAFEST & SUREST CORRECTIVE

This is a copy of the extensive publicity being given to REGLO.

FOR NEW HEALTH

GOOD HEALTH—most precious and most prized possession of the human race—can be yours to-day, to-morrow and the days to come! Nature's common ills, indigestion, headache, nerves, weakness, depression, loss of appetite, constipation, stomach and kidney disorders and those aches and pains you cannot describe but which make you feel and look unfit, disappear like magic when you regulate your system by regular doses of

Reglo

GOOD HEALTH FOR 6d. A MONTH!!!

REGLO, manufactured at our own works under a *special process* protected by Royal Letters Patent, is not a mixture of mineral salts nor a patent medicine.

REGLO consists exclusively of the new SUPERFINE and instantly soluble crystals *used and recommended* by the medical and nursing professions.

P.A.T.A. TERMS

REGLO, in 6d. and 1/- boxes with instructions and Special Measure, is obtainable from most Chemists and Stores, or post free by sending postal order to—

SUPERFINE CHEMICALS, LTD.,
22 Buckingham Gate, Westminster, S.W.1

THE

Floral Barometer

A SCIENTIFIC NOVELTY
OF ABSORBING INTEREST

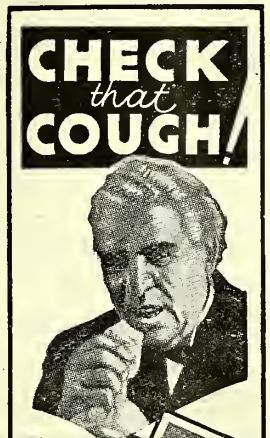
WATCH THE ROSE PETALS CHANGE COLOUR	BLUE LILAC PINK	*for*	FINE VARIABLE RAIN

Owing to the enormous demand for this novelty, we are now manufacturing them in this country and are able to reduce the Wholesale Price to **12/-** per dozen. Carriage extra.

Another quick selling novelty is the
ARTISTIC "PICTORIAL" BAROMETER
of which we are the Sole Agents for Great Britain

THE GENERAL OPTICAL COMPANY
120 Clerkenwell Road, London, E.C.1

POTTER'S CATARRH PASTILLES



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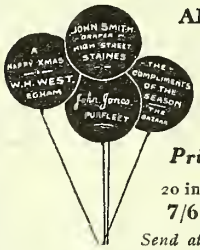

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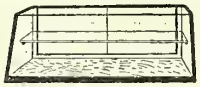

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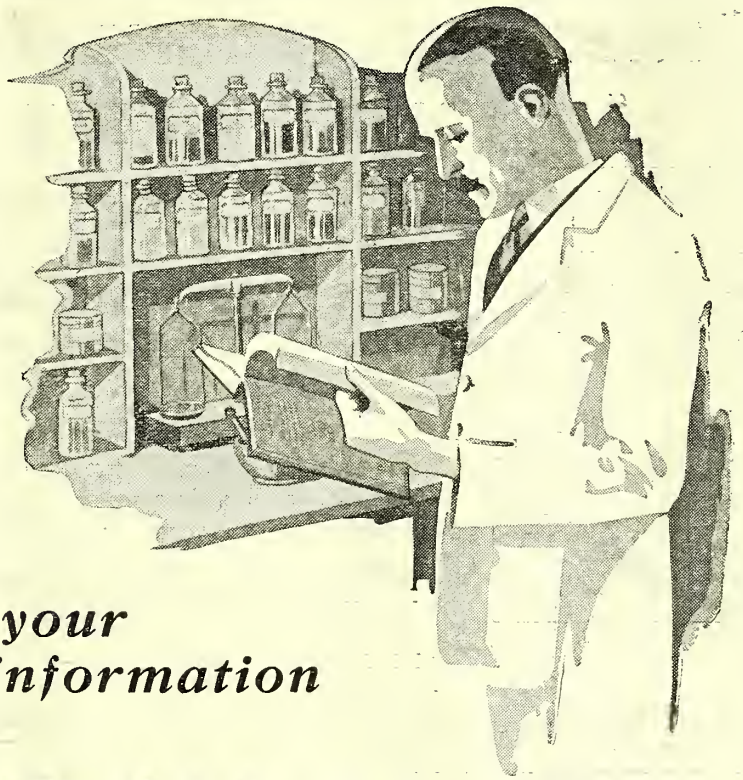

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SOLUTION OF ADRENALIN AND EPHEDRINE

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Prices in London to the Trade: Bottles of 10 *c.c. and* 25 *c.c. at* **16/-** *and* **33/-** *per dozen (Subject to the usual discount)*

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4

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The Special Appeal created by our Advertising and Show Material will secure increased demands over the wonderful SALES RECORD of the past summer.

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if NOT you should apply for one, it will be gladly sent.

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It nets you over **55%** *on Selling Price*

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EST. 1859

A WEEKLY JOURNAL OF PHARMACY, THE DRUG, CHEMICAL & ALLIED TRADES.

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Telephone: Central 6565 (8 lines).

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English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

London County Council Dispensers

We have received a copy of the following letter from the honorary secretary of the London County Pharmaceutical Association to the deputy clerk of the London County Council and of the reply:—

October 13, 1930.

Dear Sir,—With reference to my letter "P/L" of November 8, 1929, I am instructed by the Executive Committee of the above Association to ask if you would be good enough to furnish them with up-to-date information regarding the position of qualified pharmacists in connection with the appointment of dispensers in institutions now under the control of your Council. As my Association represents a very large body of ratepayers in the County of London, my Executive are anxious to know that the supply of medicines through your institutions will be entrusted to competent qualified pharmacists in order to ensure the best and most economic service. Thanking you in anticipation of an early reply,

I am, dear Sir, Yours faithfully,
(Signed) G. A. TOCHER, Hon. Sec.

October 15, 1930.

Sir,—With reference to your letter of the 13th instant, I have to inform you that the Council has decided that, so far as the existing dispensing staff of hospitals under the direction of the Central Public Health Committee is concerned, it would be undesirable to make any alteration in the qualifications required of such staff for the positions at present held by them. As regards future appointments, it has been decided that (i) only persons registered as pharmaceutical chemists or as chemists and druggists shall be eligible for appointment as dispensers or assistant dispensers in the hospitals or district dispensaries; (ii) in hospitals or other dispensaries carrying more than one assistant dispenser, an unregistered dispenser, an articled pupil or an apprentice shall be eligible for the position of second assistant; and (iii) in small hospitals or institutions in which there is no registered dispenser, the medical officer of the hospital or institution shall be responsible for the dispensing.

I am, Sir, Your obedient servant,
(Signed) W. H. WADDINGTON,
Deputy Clerk of the Council.

City of London Health Report

The latest annual report of the medical officer of health for the City of London, covering the year 1929, contains the customary well-arranged statistics. Among the few items of interest to the drug trade are the remarks on the supervision of food and drugs. The percentage rate of adulteration for all the samples taken (980) is 3.8 (2.4 in 1928). One "prescription medicine" was reported against, and a conviction was obtained; six samples of drugs did not comply with pharmacopœial standards, "but in no case did the circumstances warrant any action being taken beyond that of cautioning the vendors." Copper sulphate was discovered in two samples of sauce to the extent of 0.021 per cent. and 0.0069 per cent. respectively; the trouble was traced to the use of copper pans.

Contracts

The following tenders have been accepted by the bodies named:—

Chester-le-Street Public Assistance Committee.—Brady & Martin, Ltd., chemists, Newcastle-on-Tyne, drugs.

Hertford, Ware and Hoddesdon Joint Hospital Board.—A. J. Sheffield, chemist, Hertford, sundries.

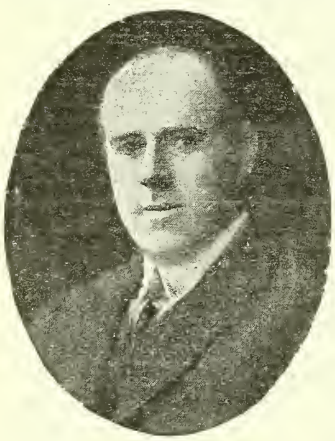
Isle of Wight Public Assistance Committee.—Timothy Whites (1928), Ltd., drugs, etc.

Malvern Urban Council, Isolation Hospital.—Boots, Ltd., drugs.

Liverpool

The first meeting of the Old Students' Association of the Liverpool School of Pharmacy was held recently, when two interesting papers were read. The first, by Mr. John Rae, was entitled "A New Colorimetric Test for Adrenalin," and the second by Mr. Alec Rae, "Sterilisation in Pharmacy."

Alderman Edwin Thompson, chemist and druggist, who has been selected as the next Lord Mayor of Liverpool, is governing director of Thompson & Capper Wholesale, Ltd., a company originally founded by his great-grandfather in 1798. He is also a director of United Photographers, Ltd., a vice-president of the Society of Chemical Industry, and in 1923 acted as secretary on the occasion of the British Association visit to Liverpool. Alderman Thompson's recent address on water supply was a valuable epitome of an important subject.



ALDERMAN E. THOMPSON

Manchester

Last week, when the temperature was more like that of summer, many of the pharmacy and other window shows looked out of place. However, the weather of the last few days has been what one commercial traveller termed the most popular weather with Scotsmen, as there was "a nip in the air."

We in Manchester have always boasted of the purity of our water supply, and, as chemists, we appreciate that valuable asset. But the local papers have been recommending the use of Manchester tap water for motor-car and radio accumulators. A laboratory expert has given the opinion that it could be used for accumulators, but that it was not advisable to do so, as Manchester water contains a small percentage of chlorine, which may cause trouble in time.

A whist drive was held by the Manchester, Salford and District Pharmacy Club on October 15, when about fifty members and friends spent a very enjoyable evening. After refreshments had been served, Mrs. Franklin distributed the prizes as follows:—*Ladies*, (1) Miss Slee, (2) Miss Brown; *Gentlemen*, (1) Mr. Walters, (2) Mr. Hazelgrove. The surprise event of the evening was a presentation by Mr. Franklin to Mr. A. E. Thorpe, the secretary. In presenting the gift to Mr. Thorpe, Mr. Franklin spoke in eulogistic terms of the splendid work Mr. Thorpe had done for the club. Mr. J. Cleworth moved a hearty vote of thanks to Mr. and Mrs. Franklin for their generosity in giving the prizes. This was carried with acclamation.

Sheffield

It has been decided to co-operate in the Pharmacy Week displays, and the newspaper advertisement is to be renewed. Particulars may be obtained from Mr. Hindle or the "Sheffield Independent."

Arrangements have been made with Mr. A. W. Lupton, Ph.C., Leeds, to give a series of six lectures on "Elementary Pharmacy," to the local students, in place of the one usually delivered by local pharmacists.

Miscellaneous

POISON-LICENCE APPLICATION.—Henry S. Tett & Co., Ltd., Faversham, have applied to the Sandwich Town Council for a licence to sell agricultural and horticultural poisons at 28 King Street, Sandwich.

FIRE.—An outbreak of fire occurred on October 17 at the premises of Smith, Hughes & Co., Ltd., chemical merchants, Park Road, Battersea, London, S.W. The contents of the first floor of the building were damaged by the outbreak.

BURGLARY.—Burglars have been busy at Seaham Harbour recently, and among the premises entered were those of Mr. William Forster, Ph.C., and Boots, Ltd. At Mr. Forster's pharmacy a small sum of money was stolen. In the other instance the intruders were less successful.

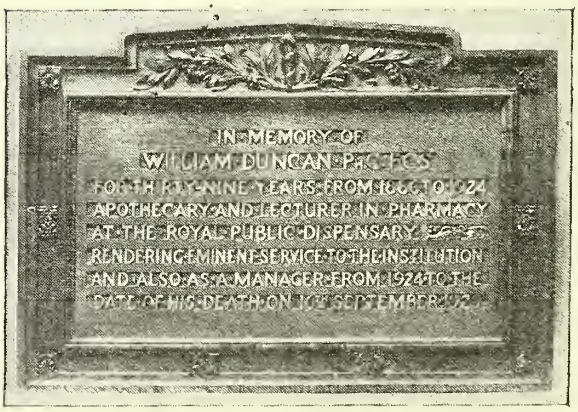
IN THE COURTS.—At Hull Police Court, on October 17, Athol B. Parkinson, employed by Hannetta, Ltd., manufacturing chemists, Bristol, to sell articles on commission, was charged with misappropriation. He pleaded "Not guity," and, after the hearing of evidence, the charge was dismissed.—At Arundel, on October 20, David J. Gregory, described as an underkeeper, was sentenced to three months' hard labour for having put arsenic into pheasants' food, with the result that 155 of the birds died.

Scottish News

Edinburgh

The first meeting of the present session of the Edinburgh and East of Scotland section of the Society of Chemical Industry was held conjointly with the local section of the Institute of Chemistry, at 36 York Place, on October 20. The chairman of the section, Mr. G. F. Merson, Ph.C., F.C.S., F.R.S.E., delivered the inaugural address on "Some By-ways of Chemistry and Industry."

At the close of the monthly meeting of the board of managers at the Royal Dispensary there was unveiled in the dispensary a memorial tablet to the late Mr. William Duncan, Ph.C., F.C.S., who had been apothecary to the Institution from 1886 to 1924, and thereafter a manager from 1924 to the date of his death in September 1929. The ceremony of unveiling and dedication was performed by the Rev. Canon A. E. Laurie, D.D., a member of the board, who spoke of the long and distinguished services rendered by Mr. Duncan and the widespread influence he had



exercised over the many students passing through the Royal Dispensary School of Pharmacy. The tablet, carved in oak, occupies a prominent place in the dispensary and bears the following inscription:—

"In memory of William Duncan, Ph.C., F.C.S., for thirty-nine years, from 1886 to 1924, apothecary and lecturer in pharmacy at the Royal Public Dispensary, rendering eminent service to the Institution and also as a manager from 1924 to the date of his death on 16th September, 1929."

Irish News

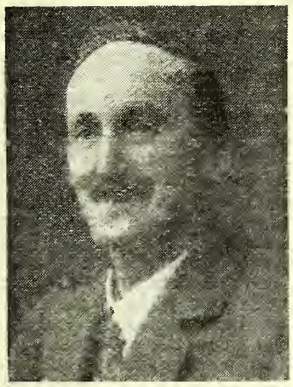
Brevities

At Moneymore, recently, Sarah Woods was summoned for having sold Glauber's salt which was certified by the public analyst to contain 20 parts of lead per million. The defendant said the salt was never sold except for animal use. The case was dismissed.

An inquest was held recently, at Aughnacloy, on the body of John Bearns, a postman, who died from strychnine poisoning. Mr. Thomas J. Orr, Ph.C., deposed that Bearns purchased strychnine from him, saying he wanted to poison rats. The jury found that Bearns died from acute strychnine poisoning, and attached no blame to anyone.

Mr. Thomas J. Smith, the new member of the Council of the Pharmaceutical Society of Ireland, is a gold medallist of the Society, and has had a distinguished career as a student. He was registered in 1920, and was appointed lecturer on the establishment of the pharmacy class. His illness, which prevented his attendance at the recent Council meeting, is deeply regretted by his colleagues.

Mr. S. S. Badger, J.P., M.P.S.N.I., the newly elected president of the Pharmaceutical Society of Northern Ireland, is a native of South Derry. He served his apprenticeship to Mr. S. McKinney, M.P.S.N.I., Cookstown, and was subsequently for a time with the late Mr. William Allen, Dublin, and Mr. G. D. Beggs, Dalkey, both of whom were presidents of the Pharmaceutical Society of Ireland. Mr. Badger qualified in 1903, and the following year set up for himself at The Medical Hall, Magherafelt, where he has since carried on a high-class pharmacy. He has long taken an interest in pharmaceutical politics, and was one of the original members of the Council of the Northern Ireland Society, which elected him vice-president last year. Mr. Badger takes a prominent part in public affairs in his native county. He is a member of the Rural District Council and the Board of Guardians, as well as of the Magherafelt Pensions' Committee and Unemployment Committee, and recently was appointed a member of the Pharmaceutical Area Committee for Health Insurance for co. Derry. Mr. Badger is a man of kindly disposition who has made a host of friends in the trade throughout Northern Ireland.



MR. S. S. BADGER, J.P., M.P.S.N.I.

Retail Pharmacists' Union

Devon.—The annual meeting of the Devon Branch of the Retail Pharmacists' Union was held on October 15. The annual report and financial statement were adopted, and the following officers were elected for the ensuing year:—*Chairman*, Mr. A. C. Milton (Exeter); *Vice-Chairman*, Mr. W. A. Burnage (Tavistock); *Treasurer*, Mr. W. R. B. Arnold; *Auditor*, Mr. John Harris; *Secretary*, Mr. F. Southerden; *Committee*, Messrs. F. E. Battershill, W. C. Bennett, M. T. Foster, W. E. Hollows, A. J. Merrifield, I. R. Phillips, P. F. Rowsell, W. J. Shepperd and P. F. Trestrail. Mr. G. A. Clarke, the retiring chairman, was thanked for his services during the past two years. The sum of £10 was voted to the Benevolent Fund of the Pharmaceutical Society.

Executive Committee

The result of the by-election to fill the vacancy on the executive committee in the representation of No. 2 Area (Western) is as follows:—Voting papers issued, 1,166; voting papers returned (valid, 372; invalid, 7), 379; percentage of returns, 32.5; Samuel George Challinor, 222; Thomas Dixon Nutt, 150. Mr. S. G. Challinor is, therefore, elected to the executive committee until March 31, 1932, when the term of office for which the committee was elected expires.

Wills

MR. ALEXANDER MACDONALD, of 66 Southwood Lane, Highgate, N., late of J. F. Macfarlan & Co., left estate of the gross value of £25,542 11s., with net personalty £25,000 2s. 2d.

MR. WILLIAM JONES, Ph.C., of 1 Park Road, Bournemouth, left estate of the gross value of £9,105, with net personalty nil. Probate has been granted to his widow, Mrs. Sophia Mary Jones, of the above address, and Herbert Henry Freeman, of Holmwood, Longfleet Road, Poole, Dorset, civil servant.

ALDERMAN WILLIAM JOHN GREGORY, J.P., of 3 St. John's Terrace, Weymouth, Dorset, chemist and druggist, who died on February 28 last, aged sixty-eight, left estate of the gross value of £4,067 19s. 4d., with net personalty £3,169 4s. 1d. Probate is granted to Mrs. Olive Emily Gregory, the widow.

MR. JOHN HENRY ARMITAGE, of Hookholme, 18 Park View Crescent, Roundhay, Leeds, solicitor, for over fifteen years chairman of Taylors Drug Co., Ltd., left estate of the gross value of £107,860 18s. 2d., with net personalty £106,069 14s. 10d. The testator left large contingent reversions to charities.

MR. WILLIAM WATKINS RAGG, of 7 The Green, Lower Edmonton, N., chemist and druggist and sub-postmaster, who died on May 27 last, aged seventy-six, left estate of the gross value of £9,733 14s. 9d., with net personalty £8,129 4s. 1d.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, October 28

Birmingham Pharmaceutical Association, Imperial Hotel, at 8.45 p.m. A. W. Coventry, A.C.A., A.I.S.A., on "Income Tax and the Retailer."

Liverpool School of Pharmacy, Old Students' Association, Gainsborough Café. Opening dance. Tickets, 3s. 6d. each, from the secretary, Mr. E. Witter, 127 Albert Road, Widnes, or from the school.

Wednesday, October 29

Liverpool Chemists' Association, Sefton Room, Adelphi Hotel, at 7.30 p.m. Annual smoking concert in aid of the Society's Benevolent Fund. Mr. John T. Humphrey, Ph.C. (member of Council), will address the meeting. Tickets 2s. 6d. each, special students' tickets 1s. 3d. each.

South-West London Chemists' Association and Branch. Visit to Hounslow works of Parke, Davis & Co. Charabancs will leave "The Plough," Clapham, at 12 noon and 1.30 p.m.

Thursday, October 30

North-East London District Pharmaceutical Association, St. John's Institute, Urswick Road, Hackney, at 3 p.m. Meeting.

Pharmaceutical Society of Great Britain, Sheffield and District Branch, Glossop Road Baths, 7.30 p.m. to 12 p.m. "Joy night," whist drive and dance. Tickets 3s. 6d. (including supper).

Friday, October 31

Pharmaceutical Society of Great Britain, Stockport and District Branch, Café Cecil, Princes Street, at 8.15 p.m. Meeting followed by hot-pot supper. Tickets, 2s. each, from H. T. Morley, 20 Sutton Road, Stockport.

Legal Reports

Morphine Sulphate from two Doctors.—At Kingston-on-Thames Police Court, on October 22, Alfred Tickner, Gordon Road, appeared in answer to three summonses for obtaining morphine sulphate unlawfully. It appeared that the defendant was a patient of a London doctor, and since July 1928 had obtained regularly each week on prescription 12½ gr. of morphine sulphate. In September 1928 the defendant went to a local doctor and asked him for morphine, stating that he was allowed 2 gr. a day, and usually obtained his supplies from his London doctor, but he had been unable to go to him recently. The defendant subsequently went to the Kingston doctor and asked him if he could obtain the morphine locally to save time and expense of going to London; the doctor agreed, stipulating that he was not to get supplies anywhere else. It was subsequently discovered that supplies were being obtained from two doctors. The defendant was fined £20, including costs.

An Invalid Certificate.—At Old Street Police Court, London, on October 14, Mabyn & Co., Ltd., chemists, were summoned by an inspector of the Borough Council of Bethnal Green for having sold, at 145 Cambridge Road, E., turpentine liniment alleged to be deficient to the extent of 50 per cent. in camphor and turpentine. The certificate of the public analyst stated that the sample contained parts as under:—Soft soap, 8.5; camphor and turpentine, 35.0; water, 56.5. The certificate added:—"The combined camphor and turpentine in the said sample were deficient to the extent of 50 per cent. Turpentine liniment, according to the British Pharmacopœia, should contain not less than 70 per cent. of combined camphor and turpentine." On the summons being called, Mr. H. Glyn-Jones, barrister, for the defendants, objected that the certificate was invalid, because it did not distinguish between the camphor and the turpentine, and left it open as to whether either or both were deficient. Mr. Jenkins, solicitor for the Borough Council, asked for an adjournment to call the public analyst; but Mr. Glyn-Jones replied that the public analyst could not, by his evidence, cure a defect in the certificate, and cited Hudson v. Bridge, a case about vinegar of squills decided by the High Court in 1903. The magistrate (Mr. Clarke Hall) eventually suggested to Mr. Jenkins that he should withdraw the summons, and this was done.

Dangerous Drugs Acts Summonses Withdrawn.—At Southampton Borough Police Court, on October 16, various summonses under the Dangerous Drugs (Consolidation) Regulations, 1928, were down for hearing. W. Bates & Co., Ltd., Oxford Street, were summoned for supplying 6 oz. of tincture of opium on March 31 and 2 oz. of cocaine hydrochloride (5 per cent.) on June 27, and there were similar summonses against Mr. Harry Bolton, chemist and druggist, the manager. Mr. John Facer, veterinary surgeon, Archer's Road, was summoned for obtaining the tincture and solution, also for failing to keep records of the purchases and of a previous purchase of tincture of opium. Mr. H. Glyn-Jones, barrister, appeared for Messrs. Bates and Mr. Bolton. Mr. Facer was represented by Mr. K. E. Streat, solicitor, who entered a plea of "Guilty" in respect of the summons for June 27 and "Not guilty" to the others. Mr. A. J. Rogers, for the prosecution, said that he had had an opportunity of speaking with learned counsel, who had called his attention to certain Regulations. As the result he (Mr. Rogers) was satisfied that what Messrs. Bates did they were entitled to do in law, and in those circumstances he did not propose to proceed with the cases against Messrs. Bates and Mr. Bolton. Those summonses were thereupon withdrawn, and Mr. Glyn-Jones told the Bench that a chemist was authorised to sell "dangerous" drugs to a veterinary surgeon, and a veterinary surgeon was authorised to buy such drugs from a chemist. So far as the Dangerous Drugs Act was concerned there was no need for anything to be in writing in such circumstances. The summons against Mr. Facer for failing to keep a record of the purchase on June 27 was then taken. Mr. Streat submitted that it was merely a matter of forgetfulness on the part of his client, and the Bench decided to dismiss the case on payment of costs.

Claim for Possession.—In Shoreditch County Court, London, on October 20, the People's Hostels, Ltd., Upper East Smithfield, E.C., sued Mr. Charles Reuben Todd, M.R.C.S., L.R.C.P., chemist and druggist, High Street, Homerton, E., for the possession of a house, shop and stable which were leased to the defendant in 1923 at £104 a year, which tenancy was determined on June 26, 1929, to quit on March 25, 1930. The defence was that Dr. Todd occupied the dwelling house and shop within the meaning of the Rent Restriction Act, 1920. Mr. Pitt appeared for the plaintiffs and Mr. Goldie, barrister, for the defendant. It was stated that the defendant had carried on business for some years as a chemist and dealer in photographic materials, but decided to become a doctor. In order to have something to fall back upon while in the early stages of building up a practice, he formed the business into a limited company called Homerton Chemists, Ltd., with 700 £1 shares, of which 400 were taken up by Mr. Todd and one by a manager he put in. To all intents and purposes the proprietor of the business was the doctor. Some stables had been let with the sanction of the landlord, but as to the shop, the defendant was claiming that he still had possession of it, inasmuch as he was not asking the chemists' company any rent for it. Dr. Todd gave evidence in support of the contention, and said his case was that the chemist's shop was run as a company, and the room at the back was his permanent dwelling-place. There had been considerable negotiations since notice to quit. Some two or three weeks previously he had taken a surgery at 94 High Street, but he never did any surgery work where he resided. Prior to this he had had always been a *locum*. The other lodgers in the building came in about a year ago, and were tenants to him direct. Counsel said he would call Mrs. Power to prove that the doctor slept there, and did not examine his patients there, but Judge Cluer said he did not want to hear her, as the word of a chemist and a doctor was quite good enough for him. The judge went on to say that this was a device the defendant had adopted to live upon the premises, and run the chemist's business as a company, while he worked up his practice. The company could not turn the defendant out. Mr. Pitt urged that by the same rule he could not turn the company out, and that therefore there had been an assignment under the sale of the goodwill. Judge Cluer said that might be so if the company paid rent, but he was the company. Mr. Pitt said his submission was that the defendant had let this shop separately as business premises, whether to a company of which he was part proprietor or not. Judge Cluer said the situation was most novel. It had been held if a person took a shop and premises, to all intents and purposes the shop became part of the dwelling-house; but if he let the shop afterwards possession could at once be obtained of it, as it became business premises. The plaintiffs might get possession of the shop and the stables, but not the other portion, in which case, what happened to Mr. Todd? What rent had he got to pay them? Mr. Goldie said he wished to point out that they had not parted with the shop, but Judge Cluer said he was afraid he must find that by turning the business into a company the defendant had substantially given away his possession. Mr. Goldie: He holds 399 out of the 400 shares. Judge Cluer: That is why the device does not succeed. My opinion is that the company could demand a lease. Mr. Goldie: It was the evidence of the doctor that he did not intend to grant a lease. Judge Cluer: But if he had put himself into the position that he must, it does not matter what his intention is. This is a definite carrying on of a business in a portion of the premises, and I must find that the plaintiffs are entitled to recover these two separate parts, the shop and the stable. He is not protected by the Rent Act, as the shop is transferred in some way, or, anyway, he has taken away his

possession. My judgment is that the plaintiffs are entitled to the chemist's shop and the stables, but not to the other part of the premises. I presume the plaintiffs have no objection to the defendant carrying on his chemist's business, or the limited company. Mr. Pitt said they had no objection whatever to that, and the judge said he would grant a stay of execution for twenty-one days with a view to an appeal being entered.

Unqualified Traders Fined.—In the Dublin District Court, on October 21, summonses arising out of the sale of Eureka Weed Killer and Murdoch's Rat Poison by E. H. Murdoch & Co., ironmongers, 66 Upper George's Street, Dun Laoghaire, were heard. The defendants named in one or more of the fifteen summonses served were Mr. Elias Hughes Murdoch and Mr. Robert Greer, members of the firm, and Miss Ellen D'Arcy, an assistant. The summonses, which were issued on behalf of the Pharmaceutical Society of Ireland, charged the defendants with breaches of the Sale of Poisons (Ireland) Act, 1870, and the Pharmacy Act (Ireland), 1875. Mr. W. Campbell Meeke, solicitor, appeared for the prosecution, and Mr. E. H. Burne, solicitor, for the defendants. Mr. Meeke, in opening the case, said he understood that Mr. Burne was going to plead "Guilty." Mr. Burne assented. Mr. Meeke said that the first tin of the weedkiller purchased by the inspector contained a quart of weed killer, and Mr. Thorp, the analyst, certified that the basis was arsenic, and that there was in it sufficient arsenic to give a fatal dose to more than 2,500 people. The second tin contained two quarts. The rat poison was also certified to contain arsenic. After Mr. Kerr, the registrar to the Pharmaceutical Society, had sent out the statutory letter to the firm, he had inspected the Register under the Poisons and Pharmacy Act containing the names of persons licensed by the County Council to sell horticultural poisons, and he had a letter from the secretary to the County Council stating that the firm held no licence under the Act. A few days later he received a notification from the secretary that a licence had been granted. The defendants having pleaded "Guilty," no evidence was called on behalf of the complainants. Mr. Burne said that Mr. Murdoch, sen., who had originally acted as manager for the firm, had taken out the necessary licence until he retired in September 1927; that licence lasted until June 1928. His partner, Mr. Greer, came in as manager, and, seeing the licence there, and believing that it was for all time, did not bother about it. Mr. Greer, called by Mr. Burne, stated that the weed-killer tins were labelled as required, but it was probable that in the present case the heat of the sun removed the adhesive label. The sale on May 13 was not entered, and the assistant who was there at the time had since left. He did not wish to evade paying the licence duty, which was only 5s. Justice Little, giving judgment, said the cases were of considerable public importance, having regard to the danger resulting from the lax observance of the Pharmacy and Poisons Acts. The poison-book which had been produced did not support the defendants' case. It was quite evident that, until the Society and their inspectors commenced to look into matters, the poison-book was almost ignored. On the summons against Mr. Murdoch for selling poison on May 6, the vessel in which it was contained not being labelled with the name and address of the seller, he imposed a fine of £2 and £1 costs. On a similar summons against Mr. Greer he imposed a similar penalty. On each of two summonses charging the selling of poison to a person unknown, and who had not been introduced by any person, he imposed a fine of 5s. and 10s. costs. On each of two summonses in which Messrs. Murdoch and Greer were charged with keeping open shop for retailing poisons he imposed a fine of £5 and £1 costs. Mr. Meeke did not press for a penalty in the summons against Miss D'Arcy. He would not press for penalties on six of the remaining summonses for May 13, but as regards the two for keeping open shop he asked for further penalties. On each of these two summonses a further fine of £5 and £1 costs was imposed. The total amount of the fines and costs was £31 10s.

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office.

W. S. BROWN (GLASGOW), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, druggists and perfumers, etc. The directors are: W. S. Brown, J. Brown and A. F. Brown. Solicitors: Gibson & Young, 92 West Regent Street, Glasgow.

J. R. STEWART & CO. (POTTERS BAR), LTD. (P.C.).—Capital £800. Objects: To acquire the business of chemists carried on at 1 Station Parade, Potters Bar, by J. R. Stewart & Co., Ltd. The directors are: J. R. Stewart, J. W. Taylor, and C. R. Watson.

DOLS VOLATALISE FLANNEL, LTD. (P.C.).—Capital £600. Objects: To carry on the business of manufacturers and sellers of and dealers in a certain medical preparation known as Dols Volatalise Flannel, to acquire the trade mark, processes, formulas and recipes used in connection therewith, and to adopt an agreement with W. Hayle. The directors are: W. Hayle and A. Doubleday. R.O.: Viaduct Street, Huddersfield.

BRITISH GLANDULAR PRODUCTS, LTD. (P.C.).—Capital £500. Objects: To acquire the business carried on by T. Llewellyn-Lewis and Vivian G. Richardson and Alys Leah Jeffree as "British Glandular Products" at 37 Albemarle Street, Piccadilly, W.1, and to carry on the business of chemists and druggists, etc. The directors are: V. G. Richardson and Mrs. Alys L. Jeffree. R.O.: 37 Albemarle Street, Piccadilly, W.1.

ROBINSON & SONS, LTD., Chesterfield.—Dr. Robert Robinson, son of Mrs. W. B. Robinson, has been elected to the board of Robinson & Sons, of Wheatbridge Mills, Chesterfield.

MONSANTO CHEMICAL WORKS.—Mr. G. Lee Camp has been elected vice-president of the Monsanto Chemical Works, St. Louis, U.S.A. Mr. Camp was formerly sales manager for the Dow Chemical Co. until a little over a year ago.

SCOTT & BOWNE, LTD. (Scott's Emulsion).—Mr. S. W. Knott, who was manager of Scott & Bowne (Australasia), Ltd., has returned to the head office at 10 and 11 Stonecutter Street, London, E.C.4, as general manager. Mr. C. T. Rose becomes sales advertising manager and Mr. Geo. Naylor has resigned his active positions with the company.

COMPANIES THAT MAY BE DISSOLVED.—Notice has been given in "The London Gazette" that the names of the undermentioned companies will be struck off the register three months after September 26 and the companies dissolved unless cause is shown to the contrary:—Parfumerie Nanette, Ltd.; Sapoda, Ltd.; Vaypocide, Ltd.

GILLETTE SAFETY RAZOR CO.—It was announced in Boston, U.S.A., that the Gillette Safety Razor Co. is to absorb the Autostrop Safety Razor Co., Inc. An agreement has been concluded between the two companies which provides for the acquisition by the Gillette Co. of all the Autostrop assets, including patents, patent rights, and properties. Litigation which has been proceeding between the two companies in regard to patents in the American Courts for many months is to cease.

Meeting of Creditors

At the first meeting of the creditors at the Official Receiver's office at Devonport recently of Joseph Harrison Isaacs, of the Swilly Pharmacy, Swilly Road, Plymouth, unsecured liabilities were reported amounting to £1,531 and a deficiency of £1,178 4s. Debtor attributed his failure to competition, heavy rent and bad trade. Mr. P. S. Booth, of Kimberley House, Holborn Viaduct, London, was appointed trustee, with a committee of inspection.

Pharmaceutical Society of Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on October 14. At the outset of the proceedings Mr. F. J. Fitzpatrick (the outgoing president) occupied the chair. The following members of the Council were also present:—Mr. Denis J. Nugent (vice-president), Dr. Michael Ryan (treasurer), Dr. J. A. Mitchell, Messrs. P. J. Fielding, P. Kieran, Michael J. Kieran, P. Liston, P. D. Larkin, T. J. Doyle, T. Costelloe, Joseph Gorry, James McCormack, J. J. Roche, Patrick Brooke Kelly, P. A. Brady, John Smith and D. Warwick. Mr. James J. R. Kerr (registrar) was in attendance. Sir Thomas Robinson and Mr. Wm. P. J. Gannon sent apologies for non-attendance.

RETIREMENT OF DR. J. A. WALSH

Mr. FITZPATRICK said it was usual at that meeting to welcome a new member to the Council, but he regretted to say that, owing to ill-health, Mr. T. J. Smith was not with them. He felt that he ought not to allow their meeting to pass without paying a tribute to Dr. Walsh, who had been a member of the Council for close on forty years. By his genial and kindly nature he had endeared himself to all the members of the Council and to the members of the Society. They all regretted his departure from the Council, and they wished him long years to enjoy his freedom from participation in Council matters. He hoped Dr. Walsh's retirement from the Council would not diminish his interest in the affairs of the Society.

Mr. JOHN SMITH said he would like to associate himself with the appreciation of the work done by Dr. Walsh. The longer one knew him the more one appreciated his gentlemanly qualities. He thought that Dr. Walsh felt, as did some other members of the Council, that now was the time for young men to step in. He was sure that Dr. Walsh would interest himself in the Society quite as much as if he remained a member of the Council.

Dr. MITCHELL said he would also like to associate himself with the appreciation of Dr. Walsh. They had been students together many years ago. Dr. Walsh certainly endeared himself to everybody with whom he came in contact. He was always kindly, gentlemanly and broadminded to the last degree. They all felt very much his retirement from the Council.

ELECTION OF PRESIDENT

Mr. FITZPATRICK, in proposing the election of Mr. Denis J. Nugent, as president of the Society for the ensuing year, said it was his privilege and very great pleasure to propose his successor. It was a very glad day for him—that on which he relinquished the duties of office, and he was also very glad that he was passing on to them such a worthy successor. It was also a very proud day, because it brought his mind back to that day in September 1922 when it was his privilege to have Mr. Nugent co-opted a member of the Council a few minutes after he had been elected a member of the Society. During the eight years since then Mr. Nugent and himself had been most intimately associated with the work of the Society. He felt that Mr. Nugent would adorn the chair, that he was a fitting president of such a Council, and that they could place implicit trust in him in the discharge of the onerous duties that lay ahead of him next year in connection with the Pharmacy Bill. He wished Mr. Nugent every possible prosperity and success.

Mr. PATRICK KIERAN said he had great pleasure in seconding. He thought that anything he could say about Mr. Nugent would be superfluous. They all knew his untiring energy and his capacity for work. He had acted as vice-president with credit to himself and to the Council, and he felt that he would reflect similar credit on them as president of the Society.

The election of Mr. Nugent was carried unanimously amid applause.

Mr. FITZPATRICK, in transferring the badge of office to the newly-elected president, humorously expressed the hope that it meant as much hard work for him as it had meant for himself.

Mr. NUGENT, having taken the chair, said he was very grateful to the members of the Council. It was very gratifying to him, after four years' tenure of the vice-presidency, to have their confidence. He had absolute confidence in them, and he felt that with co-operation between them and him, everything in connection with the Pharmacy Bill would run smoothly. It was very hard for him to follow Mr. Fitzpatrick. Mr. Fitzpatrick had been an outstanding figure and co-operating with him was just simply following his lead, because he was a leader; and if they had different views on certain matters their differences were very easily rectified, and it was always a pleasure to him to be with Mr. Fitzpatrick. He had no doubt that they had a hard year in front of them. The Pharmacy Bill would be before the Dail; and he hoped that, when it became law (which he hoped would be very soon), it would be to the benefit of pharmacy, and, would he say? of the country. Dr. Walsh had been a friend of all of them. He had had a wonderful experience of the Council of nearly forty years. He (Mr. Nugent) felt personally very sorry that he had left the Council; and he hoped, as Mr. Fitzpatrick had said, that he would be spared many years to adorn their profession. Although Mr. Fitzpatrick was not president of the Society, he was certain that he would give them every assistance, and that his mature judgment and wonderful energy would be of value to them. He (Mr. Nugent) was, indeed, very grateful to them, and thanked the Council for the honour they had done him. (Applause.)

ELECTION OF VICE-PRESIDENT

The PRESIDENT said he had great pleasure in proposing that Dr. Michael Ryan be elected vice-president of the Society. Dr. Ryan had been four years in office as treasurer, and no greater result could be attained financially than that shown at the annual meeting.

Mr. LARKIN said he had great pleasure in seconding.

The PRESIDENT: I have great pleasure in declaring Dr. Ryan elected as vice-president. (Applause.)

Dr. RYAN said he thanked them very much for the honour they had conferred upon him. He would do his best to fulfil the duties of the office. He was aware of the responsibilities of the office in the coming year, but he was sure that, with the help of the president and the Council, they would overcome their difficulties. He wished to express his appreciation of the courtesy of the members of the Council to him during his term of office as treasurer. He assured the president of his loyal support. (Applause.)

ELECTION OF TREASURER

Mr. McCORMACK proposed the election of Mr. Patrick Brooke Kelly as treasurer of the Society. Mr. Kelly's record at the Council spoke for itself.

Mr. FIELDING said he had great pleasure in seconding the election of Mr. Brooke Kelly. He need only look at the record of the votes that Mr. Kelly had received at the recent election to know what the members of the Society thought of his great ability. He did not think they could pick out a more suitable man in all the Council to fill the responsible position of treasurer.

The PRESIDENT said he had great pleasure in announcing the election of Mr. Brooke Kelly as treasurer. It was a very happy day for him to have Mr. Brooke Kelly at his side at the top of the table.

Mr. BROOKE KELLY: I thank you, gentlemen. It is a great honour. (Applause.)

Election of Auditor and Committees

On the motion of Dr. Ryan, seconded by Mr. Smith, Mr. R. J. Kidney, F.S.A.A., was elected auditor of the Society.

The old Committees were reconstituted. The name of Mr. T. J. Smith, the newly-elected member of the Council, was placed on the Law Committee in place of Dr. Walsh, retired.

Pharmacists in City Council

On the motion of Mr. Doyle, seconded by Mr. M. J. Kieran, a resolution was passed congratulating Sir Thomas Robinson and Dr. Myles Keogh in their election to the City Council.

Marriage

Mrs. Margaret A. Duffy (*née* Dooner) wrote submitting marriage certificate and notifying change of address to 24 Waverly Avenue, Dublin.

Changes of Address

The following notified changes of address:—

Mr. F. J. Robinson, M.P.S.I., to Derryguile, Marlborough Road, Dun Laoghaire, co. Dublin; Mr. M. V. Sargent, M.P.S.I., to St. Alban's, Upper Kimmage Road, Dublin; Mr. J. T. H. Orr, Ph.C., to 22 Knox's Street, Sligo; Mr. D. McCarthy, Ph.C., to 113 Park Lane, Liverpool; Mr. W. McBride, L.R.C.P.I., Ph.C., to Crossmaglen; Mr. A. H. Leahy, Ph.C., to The Maitland Pharmacy, 401 High Street, West Maitland, N.S.W., Australia; Mr. F. W. Hatton, Ph.C., to Marina Upway, Weymouth, Dorset, England; Mr. Dermot McGrath, Ph.C., to Rexall Pharmacy, Watergate Street, Navan, co. Meath; Mr. Noble Graham, Ph.C., to Cassan, Innishmore, Lisbellaw; Mr. T. A. Sheircliffe, R.D., to 27 & 28 Mitchell Street, Clonmel; Mr. M. J. O'Sullivan, R.D., to 52 Calsa Road, Dublin; and Mr. S. R. Hamilton, R.D., to 87 Spencer Road, Derry.

Preliminary Registration

The following, who submitted certificates from other bodies, were admitted to Preliminary registration:—

Mr. Laurence P. J. Pelly, Central Hotel, Ballina, co. Mayo; Mr. Wm. J. E. Cardon, 5 Herbert Place, Dublin; Mr. Micheal J. Barber, Sewell's Medical Hall, Killarney; Mr. Wm. D. Lauder, Summerhill, Enfield, co. Meath; Mr. E. Daly, Lincoln Place, Dublin; Mr. Wm. J. Fegan, The Boys' Home, Lord Edward Street, Dublin; Mr. Patrick McCrohan, c/o Mr. D. S. Bennett, M.P.S.I., The Medical Hall, Cahirciveen, co. Kerry; Mr. Patrick J. Allen; and Miss Kathleen Mary Butler.

Registered as Pharmaceutical Chemist

Dr. J. J. Welply, who submitted his L.A.H. diploma, was directed to be registered as a pharmaceutical chemist.

Reports from Committees

Reports from the Law Committee, the House and Finance Committee, and the Certificates and Declarations Committee were received and adopted.

Reports of Deaths

The registrar reported the deaths of Messrs. A. Wilson, Ph.C. (a former member of the Council), Wm. Shiel, M.P.S.I., S. C. Nicholl, Ph.C. J. Gilbert, Ph.C., E. O'Neill, Ph.C., J. Abernethy, Ph.C., J. McMurray, Ph.C., and Robert Carson, Ph.C.

Mr. Fitzpatrick proposed a vote of sympathy with the relatives of the late Mr. A. Wilson. Mr. Wilson, he said, was an outstanding gentleman, and he had always found him very helpful.

Mr. Warwick seconded. His association with the late Mr. Wilson went back, he said, to the time when he was a boy apprentice. Mr. Wilson was an outstanding man, one of the most kindly of men.

The Registrar asked to be allowed to associate himself with the vote of sympathy. He had the privilege of serving as an apprentice under the late Mr. Wilson, and he emphasised in every way what had been said about him.

The vote of sympathy was passed in silence, the members standing.

Examiner's Term of Office

The registrar reported the expiration of Mr. M. V. Sargent's term of office as examiner for the Registered Druggist examination, and was directed to issue the usual advertisement for an examiner.

Subscription to the Benevolent Fund

The registrar reported the receipt of £5 to the Benevolent Fund from Mr. N. B. Noyck, M.P.S.I., Dublin.

On the motion of Mr. Fitzpatrick, seconded by Mr. Larkin, a vote of thanks was passed.

Elections and Nominations

On the motion of Mr. Fitzpatrick, seconded by the President, the following were elected to membership:—

Mr. J. Corcoran, Ph.C., Main Street, Longford; Mr. M. J. Mulreany, Ph.C., Café Cairo, Sligo; and Mr. J. T. H. Orr, Ph.C., Knox's Street, Sligo.

On the motion of the Vice-President, seconded by the Treasurer, the following were nominated for membership:—

Mr. T. J. Brennan, Ph.C., 50 Prospect Road, Glasnevin, Dublin; Mr. Denis Long, Ph.C., 54 Shandon Street, Cork; Miss T. McAdam, Ph.C., Main Street, Mallow, co. Cork; Mr. E. Ronaghan, Ph.C., Parliament Street, Dublin; and Mr. Gerald O'Neill, 149 Lower Drumcondra Road, Dublin.

Annual Dinner

On the motion of Mr. Larkin, seconded by Mr. Gorry, it was decided that the annual dinner of the Society should be held on Tuesday, December 9, the day of the Council meeting, and that the Dublin members of the Council form the Dinner Committee.

Evening Meetings and Lectures

Mr. Fitzpatrick urged the desirability of holding evening meetings during the winter months at which lectures should be delivered. He was sure, he said, that they could get very eminent men to deliver lectures. The lectures last winter were so warmly appreciated by the students they should be continued. They would be a help to licentiates if they were not above attending them.

The President agreed, and expressed the opinion that at these meetings the students should be allowed to debate points arising out of the lectures.

A Newspaper Advertisement

Mr. Fitzpatrick called attention to a newspaper advertisement which had been handed to him after he had entered the office, and which he considered unfair to parents. It was under the heading "Medical Appointments," and was in the following terms:—"Apprentice, Wanted, Lady, country, indoor, 3 or 4 years, fee £65. Prelim. not essential."

The registrar was directed to write to the editor of the newspaper in question explaining the conditions necessary for apprenticeship to a pharmaceutical chemist.

Saccharum ustum.—A recent issue of "The British Medical Journal" has the following from a correspondent:—"Every now and then one hears well-authenticated tales of patients returning for a repetition of a mixture containing simply burnt sugar and water because it is the only medicine that does them good. This effect is rather hastily attributed purely to suggestion. But the effects of other and more costly elements exhibited in small amounts, very finely divided, are due to properties of the substances themselves: caramel consists partly of colloid carbon. The consumption of sacch. ust. in many practices is measured in gallons; there must exist, therefore, a body of evidence, based upon actual experience, which, if available, might throw some light upon the indications, if any, for its specific employment. The representatives of drug houses whom I have consulted personally believe that in many cases more caramel is actually used than would be necessary for colouring purposes."

Pharmaceutical Society of Great Britain

Branch Meetings

Exeter.—A meeting of the Exeter and District Branch of the Pharmaceutical Society was held on October 15, Mr. J. W. Lake in the chair. Mr. Ernest Quant read a paper on

THE QUALIFICATIONS OF PHARMACISTS FOR THE TRAINING OF APPRENTICES

[*Abstract*]

IT is to be expected of all of us to infuse a healthy pharmaceutical atmosphere in our establishments. There is an atmosphere pervading all organised institutions. There is no pharmacy too small in which some branch of real pharmaceutical work cannot be cultivated which will assist in producing that atmosphere. It is not all who can have businesses which are kept eternally busy with dispensing; but even in such cases it is quite possible to bring into it very little actual pharmacy, if everything obtainable in the way of concentrated mixtures, concentrated infusions, liquors, pills and suppositories is supplied by other people. If a pharmacy is to justify its existence there should be some scope and opportunity for engaging in pharmaceutical work. It may be in the direction of one's own proprietaries, as we term them. I do not wish to suggest to any man how he should conduct his business, what he should buy, and what he should prepare; but I do assert, with all possible emphasis, that a chemist who tells you he is so busy he has no time to make anything, no time to teach apprentices, but that they are in their way very useful for unpacking goods, and the packing of empties, dusting the shop and helping to dress the windows, running to the bank for change or "slipping round" with Mrs. Jones's mixture because she wanted it soon and the errand-boy has not yet come back from dinner, should not accept apprentices. I am with those employers who turn apprentices to some such account during the first few months, because I believe it to be good for them if they are to develop real practical ability. I see to it that they know how to unpack and pack, not for the purpose of saving the wages of a porter, but that they later on may be efficient to control other people, and know if they are doing their job properly. I put forward my question whether you think the Society should pay some further attention to apprenticeship. I am sure you are all with me in agreeing that apprenticeship is of the utmost importance, therefore we should endeavour to bring it to a maximum of efficiency. At the present time the art and craft of pharmacy is neglected and suffering from dry rot, and I honestly think that unless we are very careful we shall lose all vestige of being anything but shopkeepers, *plus* a little theoretical knowledge of no monetary value or consequence. I, therefore, am of opinion that the training of apprentices should only be entrusted to those pharmacists who are disposed and prepared to give definite and practical instruction, who will inculcate the high ideals which should be developed to make pharmacy progressive. At the same time I claim for every qualified person the right to train apprentices, no matter how large or how small his or her business; but in exercising that right they should be called upon to show that they have the facilities and means of doing so. The training of apprentices imposes a responsibility and grants a privilege; should this privilege be officially recognised and the responsibility mutually shared by the Society and the employer?

An animated discussion followed, in course of which a letter was read from Miss M. E. Buchanan expressing keen interest and recalling her own efforts to secure the registration of pharmacies. At the conclusion of the discussion, Mr. Quant proposed the following resolution, which was carried unanimously:—"That when Articles of Indenture are submitted to the Pharmaceutical Society for acceptance, the Society should satisfy itself that the place where the apprenticeship is to be served provides the necessary facilities and opportunities for proper training." On the motion of the chairman, seconded by Mr. P. F. Rowsell, Mr. Quant was cordially thanked for his address

Sheffield.—A meeting of the Sheffield and District Branch was held recently, Mr. John Austen in the chair. The chairman called upon Captain H. E. G. West (a director of Newton, Chambers & Co.) to present the cheques for the Izal scholarships as follows:—(1) Miss Bellamy (Barnsley); (2) Mr. F. W. Webster; (3) Mr. F. Staveley. Captain West said the results obtained had been of a high standard. If thirty entrants were assured there was little doubt that the scholarship would be an annual one. The president thanked Captain West for his attendance. It was announced that the competition will take place again this year. The president presented the prizes subscribed by the Branch for students of the Central Commercial College, Sheffield and Barnsley Technical School, as follows:—*Sheffield, First year,* (1) A. Hawkes; (2) J. H. Shardlow; (3) D. Stather. *Second year,* (1) A. Woodlands; (2) A. Lomas; (3) E. Brailsford. *Third year,* Messrs. Gaundney, Ibbotson, Staveley. *Barnsley, Senior,* (1) J. E. Ashton; (2) Miss Alice M. Robinson. *Junior,* (1) M. Honeybone; (2) H. White. Mr. Austen introduced the subject of the draft Pharmacy Bill, and called upon Mr. Antcliffe (a member of Council) and Mr. F. Hindle (a member of the R.P.U. Executive) to give an explanation of the Report and Bill. A discussion followed, the general opinion being that a fight must be made against several of the clauses. Several resolutions were passed. The president thanked Messrs. Antcliffe and Hindle for their explanation of the Bill.

Association Meetings

Guild of Public Pharmacists.—The opening meeting of the session of the Guild of Public Pharmacists was held at 17 Bloomsbury Square, on October 15, when Dr. C. W. Hutt (Medical Officer of Health, Borough of Holborn) delivered an address on *Medical Products and the League of Nations.* The president (Mr. R. W. Lindsey) occupied the chair. Dr. Hutt briefly outlined the machinery of the international organisation against illicit trafficking in "dangerous drugs," and spoke of the effective way in which the steps being taken were stamping out the menace. Questions and discussion followed, and then a hearty vote of thanks, proposed by Sir William Willcox and seconded by Mr. G. Tocher, was carried. Refreshments in the Examination Hall concluded a very instructive evening.

Ipswich.—The Ipswich Chemists' Hockey Club held their annual meeting on October 20, Mr. S. J. Stearn in the chair. The following officers were elected for the ensuing year:—*Captain,* Mr. S. J. Stearn; *Vice-Captain,* Mr. E. Hammond; *Ladies' Captain,* Miss E. Collins; *Committeeman,* Mr. H. Whitman; *Secretary,* Miss L. M. Humfress. It was decided to hire the Portman Road ground for the season. The chairman stated that it was hoped to increase the number of lady members as the season advanced. An all-men's match played recently against the R.A.F. (Felixstowe) had resulted in loss for the chemists by 6—3.

Reigate.—The annual meeting of the Reigate, Redhill and District Pharmacists' Association and Branch of the Pharmaceutical Society was held on October 14. Mr. H. Hocken (president) was in the chair. There was a good attendance. Reports from the secretary, the treasurer and the Sports Club were presented and adopted. The following officers were elected for the ensuing year:—*President,* Mr. F. R. Barlow; *Secretary,* Mr. G. S. Powell; *Treasurer,* Mr. T. E. Wilmshurst. An additional post was created by the appointment of Mr. W. J. Bush to the post of *Branch Benevolent Fund Secretary,* by means of which it is hoped to raise the average subscription for the Branch. The annual dinner and dance was fixed for November 26, at The White Hart, Reigate.

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council was held on October 17 in the Society's rooms, Belfast, the president (Mr. Fred Storey) in the chair. There were present also Messrs. S. S. Badger (vice-president), James Dundee (treasurer), John Maxwell, J. E. Connor, W. S. Taylor, H. Todd, R. I. Edwards, A. C. McBride, W. J. Hardy, S. Gibson, W. Martin, J. F. Grimes, J. C. Culbert, H. McRoberts, H. Lancashire, Dr. Fielden, Dr. Acheson and Professor Small. Mr. D. L. Kirkpatrick (secretary) was in attendance.

DEATH

Before commencing the business, the PRESIDENT referred to the death of Mr. Andrew Wilson, a former member of the Council, who had passed away on the day of the annual meeting. Mr. Wilson, he said, had been a member of the Council since its inception, having been one of the members appointed by the Ministry of Home Affairs when the Society was formed. Unfortunately, ill health had laid him aside, and he had been unable to attend meetings of the Council for some time. The president moved that a resolution of condolence be sent to the widow and family.

Mr. TODD, in seconding, said Mr. Wilson had also been a member of the Council in Dublin. He was a man of fine personality and they deeply regretted his passing.

Mr. J. E. CONNOR associated himself with the resolution. Mr. Wilson, he said, took a great interest in the Society. He was a man of sound common sense.

Mr. CULBERT described Mr. Wilson as a man of wide culture, sterling qualities, and a mind of his own which he used in a practical way. His death was regretted everywhere that chemists foregathered.

The resolution was passed by a standing vote.

MEMBERS WELCOMED

The PRESIDENT welcomed Messrs. McBride, Edwards, Taylor, Martin and Gibson on their re-election to the Council, and Mr. Culbert on his return after an absence of several years.

Messrs. MCBRIDE, EDWARDS, TAYLOR and CULBERT returned thanks.

RESIGNATIONS

Letters of resignation were received from Messrs. John Curran (Pudsey, Leeds) and J. J. Lyons (Omagh), members of the Society, and R. H. Anderson (Sixmilecross) and W. Doig, sen. (Belfast), associates.

EXAMINATION MATTERS

The Ministry of Home Affairs wrote approving the appointments of Mr. Hugh Graham, D.Sc., examiner in chemistry, Queen's University, Belfast, and Mr. E. G. Emeleus, M.A., Ph.D., Belfast, examiner in physics, respectively, at the Society's examinations on the week beginning on December 1.

The secretary of the Coleraine Regional Education Committee wrote stating that he had sent a circular to the chemists in Coleraine, Portrush and Ballymoney, asking them to make it known that they proposed to have classes in Coleraine. Preliminary arrangements were settled. The Council expressed satisfaction, the secretary stating that the classes were for the full course.

The Education Committee reported that they had passed the certificates of the following candidates:—

Samuel Ernest Wisener, Belfast; Robert James Taylor, Ballymoney; Eileen Hester Murray, Ballymoney; Robert Edgar Young, Coagh; Frederick Allen Mackey, Portrush; Helen Lucy Mackenzie, Belfast; Bernard Kearney, Moira; James Martin Sydney Bingham, Belfast; Frederick John Harrison, Coleraine; Nellie Macgregor Hoy, Belfast; Hilda Dawson, Lisbellaw; Sheila Stewart Watson, Belfast; Nora Janet Stendall, Belfast; Mary Elizabeth Maguire, Kilmore, Lurgan. The secretary said that these candidates had all passed either the matriculation, the pharmaceutical preliminary or the intermediate.

The action of the Committee was approved.

AN APPRENTICESHIP PROBLEM

Hamill, Davidson & Wilson, solicitors, wrote that they had looked carefully into the query raised by the Education Committee as to whether the Society can recognise a term of apprenticeship served in the Belfast Union Workhouse under a pharmaceutical chemist employed by that institution. In their opinion the person who had served a term of apprenticeship under these conditions had not complied with the provisions relating to apprenticeships contained in the Pharmacy and Poisons Act (Northern Ireland), 1925, and the regulations made thereunder. Having reviewed the Sections, the letter proceeded:—" It is quite clear, therefore, that an apprentice serving his time with a pharmaceutical chemist employed by a public institution could not say that his apprenticeship is in accordance with Regulation 62, when Section 17 (4 (*a*)) had to be adhered to for the meaning of the words, ' in the actual business of his employer as a pharmaceutical chemist.' " The Council expressed satisfaction with this opinion.

ACCOMMODATION FOR DECEMBER EXAMINATIONS

The Principal of the Belfast Municipal College of Technology wrote to the effect that the technical instruction subcommittee of the College had resolved that the Pharmaceutical Society be informed that the Committee deprecates the holding of the examinations partly in the College and partly elsewhere as being calculated to give a false impression regarding the adequacy of the facilities provided in the College for teaching and examining pharmaceutical subjects; and that the Committee was willing to grant the Society's request for accommodation for their December examinations provided (*a*) that all the examinations shall be held in the College, and (*b*) that the examination time-table shall be arranged to the satisfaction of the principal.

The Education Committee's recommendation of the letter was that the examinations be held in Queen's University.

The PRESIDENT said the Education Committee had discussed the matter thoroughly. There was excellent accommodation at the University. The letter from the Technical College was not such as they should expect from that body.

Mr. DUNDEE thought they should send a deputation to the technical subcommittee. There was apparently something behind the letter.

The recommendation of the Committee having been adopted, Mr. DUNDEE moved a resolution in accordance with his remarks.

Mr. HARDY seconded the motion, which was passed, the deputation to consist of the new president, vice-president, Mr. Hardy, Mr. Storey and Mr. Culbert.

ELECTION OF PRESIDENT

Mr. STOREY moved that Mr. Badger, the vice-president, be elected president for the ensuing year. Mr. Badger, he said, had been of great assistance to him as president. He would fill the chair admirably, and add fresh lustre and dignity to the office.

Mr. HARDY seconded the motion, which was passed unanimously.

Mr. BADGER took the chair, and was invested with the chain of office. He thanked the Council for the honour conferred on him, and would endeavour to work for the benefit of the Society and all its members. Since he joined the Council he had received nothing but kindness and help from the members. He

hoped they would help him as well as they could during his year of office.

ELECTION OF VICE-PRESIDENT AND TREASURER

Mr. BADGER proposed the election of Mr. J. E. Connor (Newry) as vice-president.

Mr. CONNOR said he understood there was an arrangement by which the city and country should alternately supply the vice-president. That was a good arrangement. It would not be to the advantage of the Society to have a president and vice-president from the country at the same time, and he therefore could not accept the position unless it was a unanimous vote. He thought it would be consulting the best interests of the Society if he did not go forward on this occasion. He suggested that Mr. Dundee be the vice-president, and hoped they would be unanimous. He did not desire the slightest friction in the Society. Mr. Dundee had done a good deal for the Society. They had in Mr. Storey an ideal president who had added dignity and lustre to the office.

Mr. TODD seconded the election of Mr. Dundee. He would like to see Mr. Connor as president, and next year would have pleasure in supporting him.

Mr. DUNDEE was unanimously elected vice-president and returned thanks. He said he would like to have the pleasure of proposing Mr. Connor for the chair next year. He would have to vacate the office of treasurer, and had pleasure in moving that Mr. Horatio Todd be the new treasurer.

Mr. STOREY seconded the motion, which was passed.

ELECTION OF COMMITTEES

On the proposal for the election of the committees, Mr. HARDY raised the question of the proportion of druggists on each. He said that the number of druggist members of Council having been reduced last year, they should only have two members instead of three on each Committee.

Professor SMALL said that the regulation provided for a proportion for each section. In his view, if one section were reduced, the other would have to be reduced to preserve the proportion.

It was decided to appoint the Committees as before and seek for a legal interpretation of the regulations for future guidance.

The Committees were then constituted as follows:—

Education.—Professor J. Small, Messrs. H. Todd, H. McRoberts, W. S. Taylor, R. I. Edwards, W. J. Hardy, J. C. Culbert, F. Storey, S. Gibson, and W. Martin.

Law.—Dr. S. E. A. Acheson, Messrs. F. Storey, W. Martin, S. Gibson, H. Todd, W. J. Hardy, H. McRoberts, J. E. Connor, J. Maxwell and R. I. Edwards.

General Purposes.—Dr. V. G. L. Fielden, Messrs. A. C. McBride, J. C. Culbert, R. I. Edwards, W. J. Hardy, H. Lancashire, H. Todd, F. Storey, S. Gibson, and W. Martin.

Finance.—Sir T. W. McMullan, Messrs. F. Storey, Wm. Martin, S. Gibson, H. Tood, W. J. Hardy, J. C. Culbert, A. C. McBride, H. Lancashire and H. McRoberts.

With the president and the vice-president *ex-officio* members of all the committees.

PHARMACEUTICAL PRELIMINARY EXAMINATION

It was announced that the following had passed the Pharmaceutical Preliminary examination at Queen's University, Belfast:—Chas. H. Bell, Edward M. Bourke, Wm. A. Boyd, Agnes D. G. Dorrian, Mary McK. Hanna, May E. Heagney, Mary E. Maguire, George Mercer, Joseph D. Shiels, Robert Spence, Nora J. Stendall. The secretary added that Robert Spence had got the full matriculation.

MEMBERS ELECTED

The following were elected members of the Society:—Mr. John McClean (Antrim), Mr. James McClenahan (Belfast).

BADGE PRESENTED TO MR. STOREY

The PRESIDENT presented Mr. Storey with a past-president's badge, stating that he had never missed a meeting of the Society. He had served them faithfully and well, and they were greatly indebted to him.

Mr. STOREY said he had enjoyed his year. It was a great pleasure to serve the Society in any way. He had done his best to uphold the dignity of the chair and raise the standard of pharmacy. He was grateful to the secretary and his daughter for their help, and also to the vice-president and the members of the Council who supported him so loyally. He wished Mr. Badger a very pleasant year of office. Accounts were passed and the Council rose.

Festivities

Graesser-Monsanto Dinner

A DINNER was given in honour of the new chairman and managing director (Dr. L. F. Nickell) of the Graesser-Monsanto Chemical Works at the Holborn Restaurant on October 13, when a very enjoyable evening was spent. Dr. Nickell recently joined the English board after over fourteen years' service with their associated company at St. Louis, U.S.A. In the course of his address he spoke with pride of the spirit of co-operation which he had experienced on all sides since his arrival in England.

Western (London) Pharmacists' Reunion

THE annual reunion supper and whist drive of the Western Pharmacists' Association of London took place on October 16, and was attended by about sixty members and friends, including the president of the Pharmaceutical Society (Mr. A. R. Melhuish) and Mrs. Melhuish. It was announced that owing to family bereavement, the president (Mr. Morley Taylor) and Mrs. Morley Taylor were unable to be present. After supper the company enjoyed fifteen hands of whist, resulting as follows:—*Ladies*: (1) Miss P. Jones, (2) Miss Courtney and Mrs. Wilkinson (tie); consolation, Miss L. Cocking. *Gentlemen*: (1) Mr. F. J. R. Macfadyen; (2) Dr. J. J. Rohan; (3) Mr. Arthur Mortimer. The evening closed with a vote of thanks to the social secretary (Mr. Gwilym Thomas).

Thames Valley Social Supper

THE Thames Valley District Pharmacists' Association opened the session this year with a social supper at Kingston-on-Thames. A large number attended to support the president (Mr. E. Slade), who was in the chair. Mr. William Bell, clerk to the Surrey Insurance Committee, was present. The president said how glad he was to see the large attendance, and he hoped to receive their support during his year of office. Mr. Higgs then introduced Mr. Bell to the meeting, and Mr. Bell thanked the members for the way they had received him. A musical programme occupied the remainder of the evening.

Whist Drive and Dance

THE social season of the South-West London Chemists' Association and Branch of the Pharmaceutical Society opened on October 8 with a whist drive and dance. There was a good attendance and the whole evening proved very successful. Mr. J. E. Jones ably acted as M.C. for the dance, and the spot prize winners were:—Miss A. Tilt and Mr. E. Neville Browne, Mrs. Ford and Mr. Sharpe. Mr. J. E. Monaghan conducted the whist drive, and the prize winners were as follows:—1st lady, Mrs. Jordan; 1st gentleman, Mr. Bland; 2nd lady, Miss Symons; 2nd gentleman, Mr. Sharpe; lady's consolation prize, Mrs. Ford; gentleman's consolation prize, Mrs. Freke (playing as gentleman). The prizes were presented by the president, Miss A. T. Borrowman.

The Medical Exhibition

THE twentieth London Medical Exhibition was opened in the new hall of the Royal Horticultural Society, Greycoat Street, Westminster, S.W., on October 20. Although intended for the medical man, the exhibition is full of interest to the chemist, and is composed largely of the exhibits of pharmaceutical firms, quite a number of whom are able to recommend new preparations.

THE BRITISH DRUG HOUSES, LTD., call attention to their exhibit of vitamin products, Radiostol, Radiostoleum and Radio-Malt; these are well-known to pharmacists, and new uses to which they can be applied are constantly being discovered and reported upon. The increase of the treatment by injection of varicose veins makes the product sodium morrhuate B.D.H. of particular interest on account of its safety in use, its reliability in action and its non-toxicity. Carotene, which confers the immunity against infection which is associated with vitamin A treatment, is of interest, while quinanil, as a valuable antiseptic in surgical operations, and in the treatment of genito-urinary infections, is worthy of particular note. Other products of interest are exhibited, amongst which might be mentioned, lead selenide (D4s), medicinal glucose B.D.H., S.U.P.36, Caprokol, ephedrine B.D.H., pituitary (posterior lobe) extract B.D.H., and Elixir Valibrom B.D.H. The stand of ALLEN & HANBURYS, LTD., is divided into two sections, one dealing with surgical instruments and the other with pharmaceutical products. At the latter section interest centres around B.S.C. tablets (active pancreatic extract and bile acids, extract of duodenal mucous membrane, and a proportion of ipecacuanha and emodin), Cremor Alkalinus formulas A., B., C. and K.), and a new preparation of senna, Lixen brand elixir of senna pods (also available in lozenge form). Other A. & H. products displayed include Azoule solution A.B.A. (a non-toxic local anæsthetic), Azoule hypodermic solutions, liver products, Lister Institute products and Allenburys foods. A series of large scale photomicrographs of the causative organisms of important diseases is a prominent feature of the exhibit of BURROUGHS WELLCOME & CO. Round these photomicrographs are grouped products used in the prophylaxis or treatment of the diseases concerned. Charts are shown demonstrating the growth-promoting powers of Kepler malt extract and Kepler cod-liver oil. Other products of note include Elixoid Ephedrine Compound, Hypoloid Quinine and Urethane, Diginutin and Epinalin. The last-named combines the powerful but relatively transient action of adrenalin with the more prolonged effects of ephedrine; this is graphically illustrated by kymographs.

EVANS SONS LESCHER & WEBB, LTD., divide their exhibit into three sections: Biological products and organotherapeutic products prepared at Evans' Biological Institute; specialities prepared in their pharmaceutical laboratories, including Cascaromat, Purgoids and Maraphos; a display of medicated soaps manufactured by the associated company, Charles Midgley, Ltd. The display of OPPENHEIMER, SON & CO., LTD., includes Roboleine, Bi-Palatinoids, Maglactis and Oscol standardised colloids. H. R. NAPP, LTD., show a wide range of preparations, including Ferronyl, a tablet presenting iron in a stable assimilable form as ferrous chloride; Sembol, a new organotherapeutic compound, and Anzypan enzyme compound. Somnosal, Bulbocapnine, Lobulina and Normacol are also shown. HOWARDS & SONS, LTD., exhibit a new quinine salt Quinisan (quinine bisalicylo-salicylate), which, according to medical report, has a specific and extremely rapid action in colds and influenza; Quinisan is made in four-grain tablets. Agotan brand of phenylcinchoninic acid is shown in powder, tablets, and in ointment form for local application. Other products seen include Howards' standard ether, hydrogen peroxide, and a comprehensive selection of fine chemicals. BOOTS PURE DRUG CO., LTD., display a selection of their specialities, including acriflavine, amyl-metacresol (a homologue of thymol, but its Rideal-Walker coefficient is approximately 280 or ten times that of thymol), ephedrine, insulin, liver extract, hexyl resorcinol, quinanil, and Vitamalt. Viule brand ampoules for injection and cod-liver oil (reinforced) are also shown, the latter representing five times the vitamin D content of ordinary cod-liver oil. Among the many preparations exhibited by PARKE, DAVIS & CO., are Citronin, which contains potassium guaiacol sulphonate with ethylmorphine hydrochloride, Digifortis tablets, adrephine, elixir sodium sulphocyanate and Metatone. Other products shown include Pitocin, Pitressin, Thromboplastin, vaccines, Citralka and Emplets gland tablets.

THE CROOKES LABORATORIES display a range of Collosol preparations, including Collosol brand sodium morrhuate (used in the treatment of varicose veins), Collosol iodine and blackcurrant pastilles and Collosol zinc cream. BENGUE & CO., LTD., show a selection of products, including Dr. Bengue's Balsam, Pulmo (Bailly), Opobyl and Forxol. ARMOUR & CO., LTD., call special attention to spleen solution, and explain the technique of administration. An exhibit of glands preserved in natural colours is also shown. Other products include Glanoid concentrated fluid extract of liver, beef juice and adrenalin. COATES & COOPER display a selection of preparations, including Digipan (physiologically standardised digitalis glucosides), Faexalin (yeast digestant), Gomenol (in essence, syrup, capsules, ointment, etc.), Disulphamin (indicated in colds, influenza, pneumonia, etc.), Speton tablets and Spetonex. The products of the Battle Creek Food Co. (Lacto-Dextrin, psyllium seed, Paramels, etc.) are also shown. SAVORY & MOORE, LTD., and JOHN BELL & CROYDEN call attention to their Fructoles, particularly to Fructole Ephedrine Co. Other products on view include Nikalgin, ophthalmic discs, liver extract with arsenic, and vitamin malt extract, toffee flavoured. Coal tar soap and lysol are featured on the stand of WRIGHT, LAYMAN & UMNEY LTD. The exhibit of BAYER PRODUCTS, LTD., includes Avertin (tribrom-ethanol), luminal, novalgin, Neo-Salvarsan and Lopion, the last named a gold preparation for the treatment of tuberculosis. SCHERING, LTD., show a wide range of products from the Schering-Kahlbaum laboratories, including Progynon (a female cyclical hormone), Valisan (a bromo-valerian sedative), Vasano (prophylactic in sea, train, air or car sickness), and Neutralon (synthetic aluminium silicate).

THE HOFFMAN-LA ROCHE CHEMICAL WORKS, LTD., show Sedormid, a new sedative. Other products include Allonal, Sedobrol, Somnifaine, Isacen and Thiocol. MAY & BAKER, LTD., show a range of arsenical preparations, including Novarsenobillon, Metarsenobillon and Tryparsamide. Bismuth salts, iodides, mercurials, and other chemicals are also exhibited. C. J. HEWLETT & SON, LTD., exhibit a range of their original preparations, including antiseptic cream, Hæmorrhaline and Iodermiol, as well as new surgical instruments and dressings. CHARLES ZIMMERMANN & CO. (CHEMICALS), LTD., show Asthmolysin (Weiss), Posterisan (a local vaccine from *bacillus coli communis*), Cadechol "Ingelheim" (camphor-choleinic acid prepared from natural Japanese camphor) and Idozan. The pharmaceutical department agency of the SANDOZ CHEMICAL WORKS display Allisatin brand tablets (a convenient method of administration of *Allium Sativum*), Belladenal brand tablets (an association of Bellafoline, the total natural alkaloidal complex of belladonna, with phenobarbital), Felamine brand tablets and Femergin (ergotamine tartrate). G. W. CARNRICK CO. show a range of dependable endocrine products. C. R. HARKER, STAGG & MORGAN, LTD., call attention to Petrolax, Petrolax Compound and Petrolax Alkaline. PEARSON'S ANTISEPTIC CO., LTD., show Creolin and Iodine-Medol, the latter a non-toxic and non-irritant ointment containing 1 per cent. iodine and 5 per cent. creolin. RESEARCH PRODUCTS, LTD., display a wide range of biological, medical and laboratory products, including hormones from the sex glands, bacterial culture media and Wassermann reagents. Lactéol preparations are to be

seen on the stand of WILCOX, JOZEAU & CO. (FOREIGN CHEMISTS), LTD. BRITISH ALKALOIDS, LTD., feature T. C. P. OXO, LTD., show Oxo, Oxoid organo-therapeutic preparations, Liveroid liver juice and Splenoxoid (spleen juice).

GLAXO LABORATORIES display milk food products, Ostelin vitamin D preparations, Adexolin capsules (a highly concentrated solution of vitamins A and D in vegetable oil), antivirus preparations, Maltine products and cod-liver oil emulsion with iodine. THE ANGLO-FRENCH DRUG CO., LTD., display special pharmaceutical preparations, including Adrepatine (glandular and vegetable extracts combined with stovaine in ointment and suppositories), Creosal syrup (Dubois), Mycolactine and Stannoxyl. MODERN PHARMACALS, LTD., show Arseno-Solvent (a solvent for Sulfarsenol, ensuring painless administration in concentrated solution), Biscam, Sulfarsenol and Tetrasthenol. E. H. SPICER & CO., LTD., exhibit a new series of polyvalent natural antibody preparations, including Edwenil, Globenil and Davenil. The last named is recommended as a specific in early, uncomplicated canine distemper. J. F. MACFARLAN & CO. feature anæsthetic ether (Keith's), chloroform, ethyl chloride and Opoidine. The display of ROBERTS & CO. includes Arcolax, Ferrigen, Roborans and Robuval (nerve sedative). REED & CARNRICK show a number of products, including Peptenzyme, Ovacoids, Pancrobilin and Endomin. Iodex preparations are exhibited on the stand of MENLEY & JAMES, LTD., together with Iodoglidine and Neuro Phosphates (Eskay brand). The BRITISH ORGANOTHERAPY CO., LTD., show a wide range of glandular products. H. W. BRAUN shows Ovarnon (a standardised preparation containing the whole substance of the ovary and corpus luteum) and Thyranon.

Surgical instruments are exhibited by CAMERON'S SURGICAL SPECIALITIES, LTD.; THE HOLBORN SURGICAL INSTRUMENT CO., LTD.; JOHN WEISS & SON, LTD.; ARNOLD & SONS (SAVORY & MOORE (1928), LTD.); A. G. SHELDON & CO., LTD.; THE SURGICAL MANUFACTURING CO., LTD.; DOWN BROS., LTD.; MEDICAL SURGICAL SUNDRIES, LTD. H. E. CURTIS & SON, LTD., show abdominal supports, colostomy appliances and trusses. Medical books are exhibited by WILLIAM HEINEMANN (MEDICAL BOOKS), LTD.; BAILLIERE, TINDALL & COX; H. K. LEWIS & CO., LTD.; JOHN WRIGHT & SONS, LTD. Hearing aids are displayed by R. H. DENT, ARNOLD & SONS (SAVORY & MOORE (1928), LTD.); and GENERAL ACOUSTICS, LTD. Optical goods are represented by BRUCE GREEN & CO., LTD.

KEEN, ROBINSON & CO., LTD., show Almata, "Patent" Barley and Groats and Colman's bath mustard. The PINOLEUM CO. feature Pineoleum brand inhalant. Antiphlogistine is shown by THE DENVER CHEMICAL MANUFACTURING CO. F. C. CALVERT & CO., LTD., display carbolic preparations for medical, toilet and household use. FASSETT & JOHNSON, LTD., make a special display of Seabury & Johnson medical plasters, and in addition a display of a number of the leading proprietary lines, such as California Syrup of Figs, Angier's Emulsion, Antikamnia tablets, Phyllosan and Argyrol. PETROLAGAR LABORATORIES, LTD., show Petrolagar. Our representative was informed that the alkaline product is now sweetened with saccharin, and is, therefore, suitable for diabetic patients. Unsweetened Petrolagar is discontinued. INGRAM & ROYLE, LTD., show a selection of natural mineral waters. BRAND & CO., LTD., display essences of beef and chicken, meat juice and calf's foot jelly. BENGER'S FOOD, LTD., exhibit Benger's Food, liquor pancreaticus and liquor pepticus. At the stand of GENATOSAN, LTD., some interesting microphotographs and charts illustrating the effects of Genatosan are shown.

A SELECTION FROM THE WIDE RANGE OF PHARMACEUTICAL PRODUCTS ON VIEW AT THE MEDICAL EXHIBITION

Among other exhibitors are: THERMEGA, LTD.; PHILIPS LAMPS, LTD., X-RAY DEPT.; W. R. RENDELL, LTD. (soluble quinine pessaries); RESTIFORM SPECIALITIES, LTD. (patent hospital bed); THE TINTOMETER, LTD.; FRANK COOPER, LTD.; THE JAEGER CO., LTD.; DOMEN BELTS CO., LTD.; KOLYNOS, INC.; NESTLE & ANGLO-SWISS CONDENSED MILK CO.; NUJOL LABORATORIES (Nujol, Mistol and Flit); SHORT & MASON, LTD. (scientific instruments); COW & GATE, LTD. (milk foods); VITALIA, LTD. (meat juice); T. J. SMITH & NEPHEW, LTD. (Elastoplast); VITAMINS, LTD. (Bemax); THE SCHOLL MANUFACTURING CO., LTD.; VITMAR, LTD.; BISODOL, LTD.; THE MOND STAFFORDSHIRE REFINING CO., LTD. (Monsol); BOVRIL, LTD.; THE INHALING DRUG & APPARATUS CO., LTD.; J. C. ENO, LTD. (Eno's Fruit Salt); THE THERMOGENE CO., LTD.; "WAITES'" ANTISEPTIC LOCAL ANÆSTHETIC; CADBURY BROTHERS, LTD.; ENERGEN FOODS CO., LTD.; VIROL, LTD. (Virol, Virol and Milk, Virolax); TRUFOOD, LTD.; SISTER LAURA'S INFANT AND INVALID FOOD CO., LTD.; SCOTT & TURNER, LTD. (Andrews liver salt); THE PEPSODENT CO.; C. L. BENCARD, LTD. (Exhepa liver extract, Sulfosin Leo); BRISTOL-MYERS COMPANY (Sal Hepatica, Ipana tooth paste); GRANOSE FOODS, LTD.; KAYLENE, LTD.; THE PROSELDIS CHEMICAL CO.; STANLEY COX, LTD. Spas and hydropathic establishments represented are: Torquay, Bath, Buxton and Harrogate.

Trade Notes

PUFFS.—Mary Marshall, Ltd., 4 Castle Boulevard, Nottingham, invite chemists to write for particulars of their puffs.

TWO PHOTOGRAPHIC ENLARGEMENTS for the price of one are being offered by George Brown, 27A Brazennose Street, Manchester.

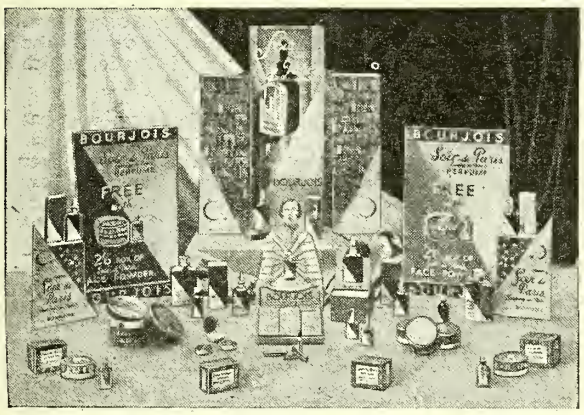
CHICAGO hair dye is obtainable from Single, Dalby & Co., 42 Oldham Road, Manchester, or through the usual wholesale channels.

VIROL BONUS.—Virol, Ltd., Hanger Lane, Ealing, W.3, remind chemists that the closing date of the bonus offer for Virol and Virolax is October 31.

SCOTT'S EMULSION.—Scott & Bowne, Ltd., 10 Stonecutter Stret, London, E.C.4, announce that they are now supplying Scott's Emulsion unstamped for dispensing.

QUINPHOS BONUS. — Thompson & Capper Wholesale, Ltd., Manesty Buildings, College Lane, Liverpool, give details on another page of a bonus offer in regard to Quinphos.

A. BOURJOIS ET CIE, LTD., 4 Water Lane, London, E.C.4, are inaugurating a free gift scheme in connection with their Soir de Paris perfume and powder



The illustration shows an example of a window display made with the material supplied, while further particulars are given in the company's advertisement in this issue.

THE KOZENI spine and kidney protector is obtainable from Kozeni Manufacturing Co., Albion House, 59 New Oxford Street, London, W.C.1, or through the usual wholesale channels.

EDWARD TAYLOR, SONS & CO., LTD., 52 Hanover Street, Liverpool, who have some special lines in dispensing bottles, give particulars regarding them elsewhere in this issue.

W. B. CARTWRIGHT, LTD., Rawdon, Leeds, have produced a highly attractive range of inexpensive Christmas gift sets of perfumery and toilet articles. Particulars and prices will be gladly sent to all chemists interested.

TOKALON, LTD., 212 Great Portland Street, London, W.1, have prepared some attractive presentation sets for Christmas trade. No charge is made for the box, so that the price of each coffret is the ordinary price of the contents.

PRICE REDUCTION.—Pond's Extract Co., 103 St. John Street, London, E.C.1, announce a reduction in the price of the smallest size of Cleansing Tissues. A rebate will be given on stocks held on November 1, and bought at the old price.

KU-BIST PRODUCTS.—Goodall, Backhouse & Co., Leeds, ask us to point out that the Ku-bist de luxe pack referred to in the *C. & D.*, October 18, p. 487, is simply a specially-attractive, more expensive pack, additional to, and not in place of, the well-known bottle.

GLAXO.—Glaxo Laboratories, 56 Osnaburgh Street, London, N.W.1, announce that from November 1 only three sizes of their food will be issued—two of Sunshine Glaxo and one of ordinary Glaxo. Chemists are asked to co-operate with the proprietors by disposing of the old sizes before offering the new ones.

CHRISTMAS CARDS FROM SNAPSHOTS.—United Photographers, Ltd., Manchester, Liverpool and Leeds, invite chemists to write for particulars of the hand-coloured and portrait Christmas cards which can be prepared from photographs. As the company point out on another page, this arrangement leads to increased business without carrying stock.

DUDLEY & CO., LTD., 451 Holloway Road, London, N.7, have sent us copies of their lists of Christmas posters (Nos. 1,206 and 1,213), top of the window decorations (No. 1,207), and display fittings (No. 1,180). Many of the new designs of showcards are illustrated in colour. The company have also brought out a useful fitting (No. S.F. 2,884) for supporting goods in window displays. It is described and illustrated in list No. 1,180.

AN IODINE TOOTH-PASTE.—Henri Sardou & Co., Progress Works, Durham Road, London, N.7, have placed on the market, under the name of I- O- Dent, a dentifrice containing iodine as one of the chief ingredients. It is stated that a neutral powder is the basis of the paste, which, owing to its unusual composition, not only fulfils the ordinary requirements of such a preparation, but has a beneficial action on the throat. I- O- Dent has a subtle flavour, and, the manufacturers inform us, can be relied on to remain unchanged. Bonus terms are available.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1930, p. 341.

(From "The Trade Marks Journal," September 24, 1930.)

"SOUTH WIND"; for all goods (48). By G. Boehm, 38 Moreland Street, Goswell Road, London, E.C.1. 515,216.

"IODENT"; for tooth brushes (5). By Iodent Chemical Co., 1535 Sixth Street, Detroit, Michigan, U.S.A. 514,489.

(From "The Trade Marks Journal," October 1, 1930.)

"RESOLIN"; for chemicals (1). By Chemical Works, formerly Sandoz, 60 Fabrikstrasse, Basle, Switzerland. 514,651. (Associated.)

"PARAMURAL"; for chemicals (1). By Blacklock & MacArthur, Ltd., 161 to 173 West Street, Tradeston, Glasgow. 515,528.

"BISKOIDS"; for animal foods (2). By The Molassine Co., Ltd., 82 Tunnel Avenue, East Greenwich, London, S.E.10. 514,934.

"BONDRANT"; for disinfectants (2). By Bonnaire Deodoriser, Ltd., 9 Percy Street, London, W.1. 515,596.

"FOTAMEALO"; "FOTAMILKO"; "FOTONEMAL"; "GASTREXO"; "HAEMEXO"; for medicinal chemicals (3). By Evans Sons Lescher & Webb Ltd., 56 Hanover Street, Liverpool. 513,748/749/750/754/755. (Associated.)

"LAXOFIGS" with label design incorporating picture of fig; for a laxative medicine (3). By J. Grant, 369 Eglinton Street, Glasgow, C.5. B513,597.

"COBIC"; for medicinal chemicals (3). By The Society for Constructive Birth Control and Racial Progress, 108 Whitfield Street, London, W.1. 514,236. (Associated.)

"SAINT MUNGO" with cross device on shield; for surgical dressings and bandages (3). By Baird Bros., 97 Bath Street, Glasgow. 514,977. (Associated.)

"FERRONOVIN"; for medicinal chemicals (3). "TRILOSIN"; for perfumery, etc. (48). By Chemische Fabrik Promonta G.m.b.H., Hammerlandstrasse 162-172, Hamburg 26, Germany. 515,237; 514,702. (Associated.)

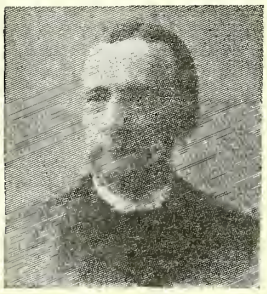
Marriages

IVESON—HOUGHTON.—At the Church of The Ascension, Southampton, on October 6, Maurice Spencer Iveson, chemist and druggist (representative in the Kent district for S. Maw, Son & Sons, Ltd.) to Constance Fairley Houghton, Bitterne Park, Southampton.

Deaths

BROTHERTON.—At his seat, Kirkham Abbey, near Malton, Yorkshire, on October 21, Lord Brotherton, aged seventy-four. As Edward Allen Brotherton he founded the business of Brotherton & Co., Ltd., in Wakefield in 1878. At first the concern was identified with ammonia liquor distillation, then taking up tar distillation and the production of sulphuric acid. Early in the present century Brothertons were the largest distillers of tar and ammonia in Great Britain, having no fewer than eight works. The war greatly increased the firm's output, and plant was installed for turning out picric acid and oleum. The Mersey Chemical Works, occupying thirty-six acres at Bromborough Pool, formerly belonging to German chemical makers, were purchased in 1917 by his firm from the Board of Trade for £135,000 for the manufacture of dyes and hydrosulphite. Lord Brotherton was an original member of the Society of Chemical Industry, and by his forceful personality built up one of the most successful chemical industries in this country. He was a munificent donor to various public objects, especially to Leeds University. Last July he was presented with the Messel medal awarded by the Society of Chemical Industry.

DAVIS.—At his home in Detroit, on October 1, Mr. George S. Davis, one of the founders of Parke, Davis & Co., Detroit, aged eighty-five. Until twenty-five years ago Mr. Davis was secretary and general manager of the company for a number of years, and his creative genius and driving power contributed largely to its success. As a boy he commenced his career in a drug store in his native town Detroit, and later entered the employ of Farrand, Sheeley & Co., wholesale druggists. Mr. Davis had a rare gift for discovering, developing and organising talent. In 1894, when general manager, he was one of the moving spirits in the introduction of the preparation of serums, bacterial vaccines, tuberculin, etc. In 1867 he became associated with Hervey C. Parke and Dr. Samuel P. Duffield, who as wholesale druggists traded as Duffield, Parke & Co., but when Mr. Davis joined the firm, the style was changed to Parke, Davis & Co. He resigned from the managership in 1896, and later severed his connection with the company.



MR. GEORGE S. DAVIS

MOWAT.—At 20 Bedford Road, Aberdeen, on October 17, Mr. John Cumming Mowat, chemist and druggist, 46 Commerce Street, aged forty-eight. Mr. Mowat served his apprenticeship to his uncle, the late Mr. James Gamming, Stonehaven, and opened the shop in Aberdeen eight years ago.

WYLEY.—In a London nursing home on October 16, after a brief illness, Major D. F. Wyley, M.C., O.B.E., a director of Wyleys, Ltd., manufacturing chemists, Coventry. Major Wyley, who was educated at Repton and Jesus College, Cambridge, was called to the Bar in 1912, but went with his Territorial Battery to India in 1914, and eventually served in France until demobolised. Major Wyley was of the third generation of directors of Wyleys, Ltd.

Personalities

MR. J. H. SMITH, chemist and druggist, Dartmouth, has accepted a unanimous invitation to serve as mayor for a second year.

MR. JOHN WALKER, chemist and druggist, Cleckheaton, who recently went under an operation in a nursing home at Bradford, is reported to be progressing satisfactorily.

MR. WILLIAM HOGG, son of Mr. George T. Hogg, chemist and druggist, Gateshead, has gained the M.R.C.S. and L.R.C.P. diplomas. He was a student at St. Bartholomew's Hospital, London.

MR. T. J. JONES, chemist and druggist, Newcastle-on-Tyne, set out to sea in a motor-boat recently, but later the engine failed, and he and a friend were eventually rescued by a fishing vessel after a twenty-seven hours' ordeal.

MR. PHILIP F. ROWSELL, member of the Pharmaceutical Society's Council, as chairman of the Building Committee of Exeter City Council, described the various stages which had led to the erection of the new public library on the occasion of the opening ceremony on October 11.

WOR. BRO. S. C. FARRER, P.G.S.D. (craft), chemist and druggist, Ulverston, was installed Wor. Master of the Jubilee Lodge of Mark Master Masons (No. 375), at Ulverston on October 10. Wor. Bro. Farrer is also president of the Ulverston Chamber of Trade, which office he holds for the second consecutive year.

ALDERMAN W. G. CROSS, Ph.C., Shrewsbury, who has accepted an invitation to become mayor of the borough, was vice-president of the Pharmaceutical Society in 1892-95. Alderman Cross, who is eighty-two years of age, first entered the Shrewsbury Town Council, of which he is the "father," in 1881; in May 1899 he was elected an alderman, and became mayor during 1894. He is a freeman of the borough.

Business Changes

SHILLCOCK & SONS, chemists, have opened a new pharmacy at 90 High Street, Bromley, Kent.

MR. W. H. MYERS, chemist and druggist, is opening a pharmacy at 139 Hertford Road, Enfield Highway, Middlesex.

MR. S. C. WILLIAMS, chemist and druggist, has acquired the business of Mr. H. J. S. Nash, chemist and druggist, 4 London Street, Reading.

MR. LESLIE R. DENT, chemist and druggist, has acquired the business of Mr. H. Simpson, chemist and druggist, 68 Market Street, Tottington, Bury.

UNDER the style The Herb Farm Shop, a business has been opened at 16 North Audley Street, London, W.1, in association with the herb farm at Seal, Sevenoaks, for the sale of medicinal and culinary herbs (fresh and dried) and allied products.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

N/2010. Celco (celery treatment for rheumatism)
L/2010. Dr. Potter's tonic skin soap
W/2010. Icenc massage outfits
F/910. Kallikrine
A/2010. Maclean's bran biscuits
M/1310. Pantion (German treatment for epilepsy)
L/2010. Sanitubes
S/1710. Sheba, Queen of Nail Polishes
C/2010. Titman's Laxative Wheat Breakfast Food

Observations and Reflections

By Xrayser III

Irish Pharmacists,

both in the South and the North, have been taking stock of their position after completion of another year's work (*C. & D.*, October 18, pp. 492 and 480), and the two Pharmaceutical Societies are to be congratulated upon the results of that work. In spite of the continued difficulty caused by the state of suspense due to delay in proceeding with the new Pharmacy Bill, those responsible for conducting the affairs of the Pharmaceutical Society of Ireland have the satisfaction of knowing that membership of the Society shows a healthy increase, while the financial position is greatly improved. Much of the credit for this would appear to be due to Mr. Fitzpatrick, who has so worthily occupied the presidential chair during four strenuous years, and it is pleasing to observe how generally his services seem to have been appreciated. Your report of the proceedings at Belfast also conveys the impression of satisfactory progress being made. Though the members of the Pharmaceutical Society of Northern Ireland may not be great in numbers, they are evidently not deficient in forcefulness.

Mr. Melhuish said,

according to your report of the London County Association dinner (*C. & D.*, October 18, p. 483) that "the draft Bill had been discussed clause by clause and almost word by word at Council meetings ot the Pharmaceutical Society." That, of course, is no more than ought to be expected, but is it not about time we heard something regarding the outcome of such intensive consideration? I am credibly informed that no allusion was made by Mr. Melhuish, when addressing the Cardiff meeting of delegates, to important matters of principle in the draft Bill, upon which the views of the members of the Society should certainly be ascertained before the Council accepts them. Much was made, I learn, of what the Departmental Committee failed to do in certain directions, but no lead was given to the delegates respecting major matters of policy with which the draft Bill does deal. Is it to be understood that the Council is disposed to accept everything contained in the draft Bill? If so, I can foresee trouble in our ranks when the facts become known, and my advice would be to anticipate any such trouble by doing the right thing and taking counsel with the members of the Society before matters have gone too far.

Dr. Burn's Lectures

promise to be helpful to those who hear them, but some better arrangement for disseminating information about the newer therapeutic agents is required than is furnished by addressing it to young students and such other persons as may be lucky enough to fit in attendance at the lectures with their normal occupations. In your report (p. 482), it is stated that the lecture-hall was filled to capacity, but a considerable proportion of those present were students at the Society's school. Those of us in business, who are actually handling the newer therapeutic agents regularly and would like to know much more about them than we can learn from the usual books of reference, were only scantily represented at the first lecture. The time of meeting forbids many of us in the London area from attending, and for those of us outside that area the situation is, of course, quite an impossible one. Meantime, valuable information that is being divulged to the privileged few, including a large proportion of persons not in a position to utilise it to advantage, is not available to the majority of pharmacists who need it.

Sulphur,

which finds its place in the Commercial Compendium (p. 503), has been known, as you say, from very early times, and it has been employed in medicine, in the arts and in the activities of mankind generally, as well as in the devotions and superstitions of men from the earliest days. Its associations are not confined to human beings; it has been employed in the worship of the gods and it has, throughout all historical times, been regarded as an adjunct of the devils. Men have employed it in the treatment of disease, and for the wholesale annihilation of their fellows. The beginnings of its history are found in Greece, where it was named θεῖον because of its service for purifying the vessels used in making libations to the divinities. In the Iliad we read, in the sixteenth book, that Achilles "took a bowl of antique frame," which he "tinged with sulphur, sacred first to flame," and having thus "purged" it he then used it to pour forth the "purple draught" (Pope's translation). The Greek and the Latin names are intimately connected with the value of the substance as a purifying agent, and the Greek one especially in regard to its use in cleansing the sacred vessels. For information concerning this element in works written even so recently as the seventeenth century it is necessary to look for it in sections under the heading of Theiologia. The origin of the Latin name brings us a few steps lower—to our own plane—for the etymologists say that sulphur is compounded of sal=a salt and the Greek πύρ =fire, a salt that can be ignited. In this compound word there is implicit the idea of the burning salt possessed of purifying virtues. Our English brimstone is the strict equivalent of this; it has its origin in the ME. brynston, brennenston, and other cognate forms, all signifying the burning stone.

The Old Names

of sulphur are numerous; consequently the tracing of its history in the works of the alchemists is not free from considerable difficulty on this account alone. A number of these names are of Arabic origin, and they were applied to the two chief kinds of sulphur recognised from the earliest days, namely, native sulphur (the old sulphur nativum or vivum) and the factitious sulphur (prepared from the sulphur earths by sublimation). The first of these was not readily ignited; consequently, the Greeks named it απυρόν, and the primitive α is, therefore, a prefix in some of the names. The following is a list of names culled from many alchemical treatises:—Abric, akibot, alcebric vivum, alchabric, alchur, aluzar, alkibric, allaris, aphebric, apyrothium, aquila, kibur, fumus citrinus, kibrith, quetricum, scorith and tifatum. Pliny's chapter on sulphur and alum is, for chemists, one of the most interesting in his Natural History. He writes of the four different kinds of sulphur known to him, and discriminates between them as to their value for the use of the physicians and for cleansing and bleaching purposes and the making of "matches and wicks" (ellychnia). Among its other uses, he tells of its value in cutaneous diseases, as an electuary for shortness of breath, and as an application for scabies. A passage taken from Holland's translation helps us to grasp the real significance of practices which hitherto we have regarded as being carried out by the ancients superstitiously and without any foundation of practical experience. Here is Pliny's observation: "Moreover, brimstone is emploied ceremoniously in hallowing of houses; for many are of opinion that the perfume and burning thereof will keepe out all enchauntments, yea and drive away foule fiends and evill sprites that do haunt a place." Surely they knew how inimical sulphur fumes were to aerial infections although they were ignorant of the *modus operandi*.

John Bell, Hills & Lucas Ltd.

TRIAD BRAND

EXTRACT OF MALT & COD LIVER OIL with CHERRY PARRISH'S FOOD

Send for sample & particulars.

Oxford Works, Tower Bridge Road, London, S.E.1

PARKINSONS' EASE

1/3 AND 3/- BOXES

E. Z. HEAD

WRITE FOR SPECIAL TERMS

POWDERS

PARKINSONS Ltd., Manufacturing Chemists, BURNLEY

"Sal Hepatica" TRADE MARK

the medicinal saline laxative is in steadily increasing demand through constant medical recommendation.

NOTE THESE PRICES.

P.A.T.A. 1/3 and 2/6 per bottle.

Stock through your wholesaler and write for list of special discounts showing handsome profit.

BRISTOL-MYERS COMPANY

112 Cheapside - - London, E.C.2

16/6 Certain on 24/6 Outlay

"ALWAYS BEST SELLERS"

2 doz. 4d. Eclipsol Shampoo Powders, Pine Tar, Henna etc., 8 kinds; given for 14 days display with each order for 1 dozen

ECLIPSOL 483

The guaranteed specific for dandruff and scurf. Cures 99 per cent. of cases. Prove it!

C. A. STOKES & CO., LTD., MANUFACTURING CHEMISTS, BRISTOL

Tubes and vials of 24 Cat Units, retail 3/6

From Wholesaler, or the British Empire Agents,

UPSHER SMITH

DIGITALIS

TINCTURE TABLETS

MATTHEWS LABORATORIES, LTD., CLIFTON, BRISTOL, ENG.

"FAIRCHILD"

'PEPULE' PEPSIN Gr. 1 & Gr. 3

A convenient and accurate method of administering pepsin.

Supplied in bottles containing 25 and 100.

Originated and Manufactured by

FAIRCHILD BROS. & FOSTER (Inc., N.Y.)

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Agents:

BURROUGHS WELLCOME & CO., London, Sydney, Cape Town

EXTRA RECTIFIED ALCOHOL FOR PERFUMERY

Write for Prices

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Editorial Articles

Towards a New Pharmacopœia

THE publication of the first report on revision by the Pharmacopœia Commission of the General Medical Council is one that should bring some satisfaction to pharmacists, as it is a report from the Pharmacy Subcommittee of the Commission. A first examination seems to show that conservative elements are in the ascendancy. Nevertheless, we must allow for time being a factor in the next issue of the British Pharmacopœia. The last edition under what we may now term the old *régime* was issued at the beginning of the war. Many problems in compilation, which arose prior to 1914, were held in abeyance during the period of national emergency. In normal times, sixteen years would have produced a plethora of desirable modifications; but out of the last sixteen, at least six were unproductive of truly critical contributions. There is not much to be gained by harking back to what, some years ago, appeared an impossible situation when pharmacists and pharmacologists were regarded as adventitious to the production of a Pharmacopœia. Until the last issue it was a medical volume with contributions from those affected. The plan failed, and rightly failed, in view of the growth of consciousness of individuality in the professions affected. No new Pharmacopœia could have been published to possess any satisfactory authority unless some change in production had been accepted. The report of the Civil Service Research Committee provided a way out; and though that way out was characteristically British in its method, like many other things in our constitution, it appears likely to be as effective as the intensively direct method of the United States. Continentally regarded, it is not quite on the same plane as a commission appointed by Government for an *ad hoc* purpose. At the same time, it is an advance on the more heterogeneous method of the United States. Here it was the pharmacists, the men who had to carry out the work, who revolted, the first potent voice being that of the late Edmund White; yet, even as recently as Mr. Philip F. Rowsell's presidency of the Pharmaceutical Society in 1926, we had only reached what appeared to be a dead end. The last four years have changed the outlook. What seemed impossible has come to pass; a little give and take with gentle diplomacy has achieved the seemingly impossible. At the British Pharmaceutical Conference meeting in Leicester, Mr. Skinner, then vice-president of the Pharmaceutical Society, outlined the production of pharmacopœias as summarised in various issues of THE CHEMIST AND DRUGGIST during the preceding months. The die was cast, and it became one of the duties during his presidency of the Society to carry into effect

the policy of co-operation with the General Medical Council. A Selection Committee was formed as a result of the Civil Service Research report, and three members were allotted to the Pharmaceutical Societies of Great Britain, Ireland and Northern Ireland. Those members were Mr. Skinner (the president of the British Society), Mr. Neathercoat and the late Mr. White. After consultation with representatives of the General Medical Council, Sir Donald MacAlister in the chair, and with the other interests involved, a Commission was appointed by the Council. That Commission consisted of A. P. Beddard, M.D., F.R.C.P. (chairman), R. R. Bennett, B.Sc., F.I.C., J. H. Burns, M.D., F. R. Fraser, M.D., F.R.C.P., H. G. Greenish, D. ès Sc., J. A. Gunn, M.D., D.Sc., and T. Tickle, B.Sc., F.I.C. Each member had specific duties, and it is satisfactory that though the General Medical Council remains in the position of absolute authority in the publication of the British Pharmacopœia, it has delegated its authority for revision to a distinctly original committee capable of assisting to produce an authoritative pharmacopœia for the British Empire. Even in the United States some clash of medical, pharmaceutical and chemical interests has arisen; but the method adopted in Great Britain seems likely to produce a concordat for a truly expressive pharmacopœia. Thus, once again, the British way of seeking compromise is likely to win through. The pharmacological, posological and chemical demands are much more exacting than those of pure pharmacy. It may be asked why a Pharmacy Subcommittee can publish a report first, but, obviously, formulas for presentment of medicaments lend themselves to wide publicity in the first instance. Whatever criticism is advanced on the present report, it must be admitted Mr. R. R. Bennett, as chairman of the Pharmacy Subcommittee, has gathered around him an excellent group of pharmacists representing all available phases of activity. The members of the Subcommittee are:—

Mr. R. R. Bennett, chairman

Mr. H. Berry	Mr. E. Saville Peck
Mr. B. A. Bull	Mr. H. Skinner
Mr. J. H. Franklin	Professor J. Small
Mr. F. W. Gamble	Mr. J. Smith
Mr. E. W. Lucas	Mr. A. L. Taylor
Mr. H. B. Mackie	Dr. J. F. Tocher
Mr. A. R. Melhuish	

assisted very ably by the secretary of the Commission, Dr. C. H. Hampshire. After a year's labour their first fruits are available; and though, we surmise, they expect an ample volume of criticism, it must be owned, despite the conservative tendency noted, that they have deserved well of pharmacy. Other reports will be available; but, as we have pointed out, lapse of time before the new constitution was formed forces them to work under pressure. Perhaps they are wise to conserve rather than to introduce other methods, unless these have been proved to be more effective. The new Pharmacopœia promises to be a material advance, but maybe we shall have to go quietly to work, gathering the fruits of research during the coming years for the bolder course of simplification and rationalisation in medicament presentment. It is an advance: the physician states his desires, the pharmacist produces the suitable combinations, and the pharmacologist and chemist lay down the required standardisation.

The Glut in Sugar

ALTHOUGH there is every indication of an overwhelming surplus of supplies of sugar for the new season, which commenced on October 1, it is satisfactory to note that there is clear evidence of a stimulated trade demand, aided within the past month or two by the extraordinary low range of values established by the end of September. The quotation for prompt delivery of raw sugar then dwindled to as low as 4s. per cwt., while it was even stated that this figure had been slightly shaded under pressing liquidation; and near shipment of Cuban raw sugar was practically going begging at as low as 4s. 9¾d. per cwt. landed on this side, exclusive of the duty. At that time British T.L. granulated on the spot had been reduced to 18s. 3d. ex refinery, which was also a new low record. The latter has since been gradually raised to 19s. 9d. per cwt. in consequence of the good improvement in the outlet and the somewhat redeemed general aspect of the market, following the much firmer attitude displayed by the leading cane sugar producers. Cuban near sugar was last week advanced to 6s. 1½d. per cwt. c.i.f. U.K., thus leading the rallying movement despite the fact that there has been no great weight of Cuban sugar placed of late. This is not surprising on account of the bumper European new beet crops having already got well under way, while British refiners appear to be well covered against their needs over the remainder of this year. There has been plenty of competition in various other descriptions of raw foreign cane and preferential sugar, including Mauritius and Australian for shipment before the end of this year. Moreover, considerable quantities of Continental raw beet sugar have been booked for this side on competitive terms with the Cuban product or on the basis latterly of 5s. 6d. f.o.b. Continental ports. It cannot be said that there is any sanguine feeling as to future development, although there has been a certain replenishment of trade stocks which had recently become virtually exhausted. The mild upward movement was undoubtedly stimulated by the recent arrangement arrived at between representatives of the Cuban industry and American banking interests to assist Cuba over a critical period, this arrangement involving a limitation of the Cuban exports to the United States to 2,800,000 tons per annum for the next two years and the financing of the existing 1929-30 crop surplus or carry-over in the island of about 1,500,000 tons. The nursing of this surplus can hardly be regarded as a healthy feature, unless it is intended to enforce a material restriction of the next Cuban crop, but evidently a decision in that respect is being deferred as long as possible, pending the holding of a conference in the near future in Holland between the representatives of the Cuban and Java industries and also of the European beet producers. According to a Continental report, the question of the protective European tariffs is to be first closely discussed. Some little importance is attached to the outcome of this conference, although it is suspected that Java will continue to refrain from joining in a movement of restriction. There has not been so far much improvement in the Eastern markets, but Java has been a little more successful in securing new orders for her surplus at better prices in the midst of the recent upward movement. For the moment, the forecast of a big increase in this season European beet crops, which affected the market previously, is being somewhat overlooked, partly due to conflicting factory estimates; but there is no doubt that this will continue to be viewed as an important subduing factor in future developments. It is interesting to analyse the estimate recently issued by the German crop expert with comparisons, with the actual

yield for the two previous seasons, the figures being as follows:—

Metric tons	1928–29	1929–30	1930–31 (estimated)
Germany	1,851,351	1,966,782	2,250,000
Czecho-Slovakia	1,042,948	1,022,116	1,090,000
Austria	107,321	120,391	130,000
Hungary	220,062	246,831	210,000
France	903,075	909,622	1,050,000
Belgium	279,290	252,048	275,000
Holland	319,937	264,871	290,000
Denmark	170,000	134,300	170,000
Sweden	160,860	121,404	170,000
Poland	756,889	928,776	750,000
Italy	391,684	440,822	385,000
Spain	266,246	290,000	290,000
Danzig, Jugo-Slavia, Rumania ..	292,730	243,869	230,000
Bulgaria and Switzerland ..	36,870	48,007	52,000
U.K. and Irish Free State ..	244,610	352,216	489,000
Other countries	9,087	11,503	20,000
Europe (exclusive of Russia) ..	7,052,960	7,353,558	7,851,000
Russia	1,446,000	950,000	1,760,000
Total Europe (including Russia)	8,498,960	8,303,558	9,611,000

It will be seen that the European yield, outside of Russia, on last season's figures, would be nearly 500,000 tons greater, and what created much surprise was the estimated increase in Russia of over 800,000 tons. These figures differ greatly from those issued by the Vienna expert a few weeks before, showing an excess in Europe (exclusive of Russia) of 231,000 tons, or considerably under the other authority; on the other hand, an increase of as much as 1,250,000 tons for Russia to 2,200,000 tons, making his total estimate of 9,784,000 tons, against 9,611,000 tons—the German expert's estimate. What this huge increase for Russia portends for the future it is difficult to surmise, and the fact may be recalled that before the war Russia used to export large quantities. Official U.K. returns covering the nine months to the end of September are as follows:—

Tons	1929 Jan.-Sept.	1930 Jan.-Sept.	Increase or Decrease to date
U.K. imports, raw ..	1,603,343	1,419,931	— 183,412
U.K. imports, refined	42,743	45,049	+ 2,306
U.K. total imports ..	1,646,086	1,464,980	— 181,106
U.K. deliveries ..	1,586,785	1,600,873	+ 14,088
U.K. stocks	247,100	173,850	— 73,250

In the first half of this year deliveries into home consumption compared unfavourably with the high returns for the same period last year, but there has been since a considerable recovery, and an excess is shown for the nine months, while the total for last month was 174,389 tons, against 161,127 tons for September 1929.

Judge v. Medical Witness

THE chemist is concerned—though happily so far without any actual conflict having arisen—with the point that arose when a Harley Street practitioner was warned by the President of the Divorce Court that in the event of his refusing to answer questions his "permanent attendance might be required somewhere else for a time." Our authority for saying that the chemist is concerned—"interested" would perhaps be a better term—is to be found in a speech delivered by Lord Birkenhead in the House of Lords in 1922 when Lord Dawson of Penn, on behalf of the British Medical Association, brought forward the subject of confidential communications between medical man and patient. On that occasion Lord Birkenhead asked:—

"Are the Christian Scientist healer, the herbalist, the quack, the bonesetter, the chemist to be covered by the same doctrine as the doctor? If not, on what logical theory is the distinction to be based? . . . The whole tendency of our law for many years has been in the direction of opening the mouths of those who can assist the course of justice and not of closing them. . . . To establish a class who may at their will assist or obstruct the judges in their work would be a retrograde step."

So far the Courts have only had to deal with cases involving what are known as the "secrets of the confessional." The new claim put forward on behalf of the medical profession carries the subject much further. We do not see what good purpose is to be served by an individual medical man talking to the Press in the strain adopted by Dr. Bayly, of Harley Street, who is reported to have said to a newspaper representative:—"This law will not be altered as long as doctors give way to the Courts. Therefore, in my opinion, it is the duty of the doctor to refuse to divulge his professional confidences, whatever the consequences to himself must be." The idea of the medical profession "giving way to the Courts" is to our mind too far-fetched to be regarded seriously as disclosing the attitude of the British Medical Association. What is needed is that confidential information such as is requisite to enable justice to be done between two parties (as in the Divorce Court) or between Crown and accused person (as in the criminal courts) should be available only for the tribunal, be it judge alone or judge and jury, and not for publication. So far as the proceedings in divorce are concerned, it is already provided that the presiding judge may absolutely control what is published: as to criminal proceedings, the B.M.A. quite recently passed a resolution to the effect that communications between doctor and patient, unless they concern fraud or crime or otherwise affect the public interest, ought to be privileged from disclosure in courts of law. That is a reasonable attitude and one wholly different from that adopted by Dr. Bayly, who avoided the possibility of "permanent attendance somewhere else" by the aid of his patient's written permission to disclose. Surely this whole question is one that might well be debated by the Medico-Legal Society, a body that is supposed to exist, among other purposes, for promoting harmony and co-operation between the two professions. Incidentally, why should there not be a Chemico-Legal Society—an Association which might prove very useful in many ways on the same lines as those which govern the activities of the Medico-Legal Society?

Vitamins as Drugs

THE London Insurance Committee has at last found grace in the direction of recognising that medicinal preparations of the vitamins should not be disallowed to insured persons as part of medical benefit. Comparison of the list of disallowed preparations issued recently, with lists which have been in existence for the past year or two, shows that practically all medicinal preparations included in the latter, though of proprietary origin, are now removed from the category of articles which must be disallowed as a matter of course. The new list consists almost entirely of preparations which are properly classed as foods, or are on the border-line between foods and medicines; but it also includes brandy, sherry, coffee, ice, and iodised salt. Generally speaking the effect of the changed attitude of the London Insurance Committee in this connection is to bring the London County into line with the adjoining areas, so far as supplies of vitamin medicinal compounds to insured persons are concerned. Panel practitioners will now be free to order such preparations at their proper discretion for insured persons in the London area, and chemists in that area will no longer feel faced with any difficulty when the preparations are ordered. Though they have known for some little time past that they would be paid for all medicines ordered by panel practitioners for their patients, there has nevertheless been a certain reluctance at times to supply unquestioned preparations which the chemists knew the doctors might be called upon to account for, with a view to their cost being reimbursed to the chemists' fund. Reference to the prescribers in such cases has taken up time and caused delay, but no further trouble need now be caused on this account so far as the London area is concerned.

Pharmacopœia Commission

Report of the Pharmacy Subcommittee

The Pharmacopœia Commission have received the following report from the Pharmacy Subcommittee upon certain aspects of the work done since the formation of the Subcommittee in September 1929. It is the desire of the Commission and of the Pharmacy Subcommittee that the report should receive the widest possible circulation in order to secure criticisms of the statements made and suggestions for improvement of the proposed formulæ. The Commission invite such criticisms and suggestions from medical practitioners, pharmacists and others interested. Careful consideration will be given to all opinions evoked by this report.

THE Pharmacy Subcommittee have had under review the pharmacy of certain preparations of the British Pharmacopœia 1914 which have been referred to them by the Commission, and they now present recommendations relating to the manufacture of some of those which require alteration. The Subcommittee have not yet completed their work on the additions to the Pharmacopœia which have been referred to them, but they are able to suggest some new formulæ at the present stage, and it is their intention to include additional new formulæ in a later report. No reference is made in this report to alterations in the descriptions of crude drugs, oils, fats and waxes, or to modifications in tests and assay processes, as these subjects have been referred to other Subcommittees. It should be understood that the statements with reference to industrial methylated spirit are made subject to the approval of the Board of Customs and Excise.

Acids

ACIDUM CARBOLICUM LIQUEFACTUM.—The proportion of water should be increased to prevent crystallisation in cold weather. The following formula gives a preparation containing a definite percentage of phenol, corresponding approximately to 50 grains of phenol in 1 fluid drachm.

Phenol	800 grm.
Distilled water, sufficient to produce	1000 grm.

Alcohol

Ethyl alcohol of 95 per cent. v/v strength should be introduced into the Pharmacopœia under the name "Alcohol" and used as the starting material from which alcohols of other strengths are prepared by dilution.

Confections

CONFECTIO SENNÆ.—More variation in the weight of the final product should be authorised in order to obtain a confection of satisfactory consistence. The formula should remain as at present with the following alteration at the end of the directions:—"The resulting confection may be adjusted to a suitable consistence, either by evaporation or by the addition of more distilled water; the weight of the product shall not be less than 1,000 grm. and not more than 1,100 grm."

Effervescing Preparations

SODII PHOSPHAS EFFERVESCENS AND SODII SULPHAS EFFERVESCENS.—These should be modified by an alteration in the proportions of citric acid and tartaric acid. The following formulæ are easily workable on a large or small scale:—

SODII PHOSPHAS EFFERVESCENS

Sodium phosphate, in crystals ...	500 grm.
Sodium bicarbonate, in powder	500 grm.
Tartaric acid, in powder ...	240 grm.
Citric acid, in powder	210 grm.

Dry the sodium phosphate until it has lost about 60 per cent. of its weight; powder the dried salt and mix it with the other ingredients. Place the whole in a dish or pan of suitable form heated to between 95° and 105°. When the mixture, by aid of careful manipulation, has assumed a granular character, separate it into granules of uniform and convenient size by means of suitable sieves. Dry the granules at a temperature not exceeding 55°. The product weighs about 1,000 grm.

SODII SULPHAS EFFERVESCENS

Sodium sulphate, in crystals ...	500 grm.
Sodium bicarbonate, in powder	500 grm.
Tartaric acid, in powder ...	240 grm.
Citric acid, in powder	210 grm.

Dry the sodium sulphate until it has lost about 55 per cent. of its weight (remainder of process as described for effervescent sodium phosphate).

Extracts and Liquid Extracts

GENERAL PROCESSES OF EXTRACTION.—The process of repercolation should be deleted. The following instructions for the process of percolation have been slightly amended.

PROCESS OF PERCOLATION.—Moisten the solid materials with the prescribed quantity of menstruum, set aside for four hours in a well-closed vessel, pack in a percolator, add sufficient of the menstruum to saturate the materials. When the liquid commences to drop from the percolator close the outlet, add sufficient of the menstruum to leave a layer above the drug and allow it to macerate for twenty-four hours. Allow the percolation to proceed slowly until the percolate measures about three-fourths of the volume required for the finished product. Press the marc, mix the expressed liquid with the percolate, and add sufficient of the menstruum to produce the required volume. Clarify by subsidence or filtration.

USE OF INDUSTRIAL METHYLATED SPIRIT.—The Subcommittee recommend that industrial methylated spirit be described in the Pharmacopœia, and that its use in making solid extracts, and certain other preparations, be permitted, subject to the regulations of the Board of Customs and Excise. The formulæ should be drawn up for the use of rectified spirit and the following note appended:—"In making this preparation the alcohol may be replaced by industrial methylated spirit, diluted so as to be of equivalent alcoholic strength, provided that the statutory regulations governing the use of industrial methylated spirit are observed."

EXTRACTUM ALOES.—A direction to conduct the evaporation under reduced pressure should be added.

EXTRACTUM BELLADONNÆ LIQUIDUM.—This should be made by percolation instead of by repercolation.

EXTRACTUM BELLADONNÆ SICCUM.—The following revision is suggested:—

Belladonna leaves, in powder ... ... No. 40	1000 grm.
Belladonna leaves, in powder, dried at 80°, No. 80	
Alcohol (70 per cent.)	of each a sufficient quantity

Moisten the belladonna leaves in No. 40 powder with 250 millilitres of alcohol (70 per cent.), pack firmly in a percolator and percolate with more of the alcohol (70 per cent.) until 4,000 millilitres of percolate have been obtained. Determine the proportion of total solids in the percolate by evaporating 20 millilitres, drying the residue at 80°, and weighing. Determine also the proportion of alkaloids in the percolate by the process described under "Tinctura Belladonnæ," employing 40 millilitres of the percolate in the place of 100 millilitres of the tincture. Having thus determined the proportion of total solids and of alkaloids in the percolate, calculate the amount of each that the remainder of the percolate will yield. Determine the proportion of alkaloids present in the belladonna leaves in No. 80 powder by the process described under "Belladonnæ Folia." Calculate the amount of the leaves, in No. 80 powder, that must be added to the percolate to produce a dry extract containing 1 per cent. of alkaloids. Add to the percolate a somewhat smaller amount of the leaves in No. 80 powder than calculation has shown to be necessary, recover the alcohol by distillation, evaporate to dryness under reduced pressure, and dry finally in a current of air at 80°. Powder the residue, add the necessary amount of the leaves in No. 80 powder, and triturate in a dry, slightly warmed mortar until thoroughly mixed. Pass the powdered extract through a No. 20 sieve.

The use of industrial methylated spirit should be permitted.

EXTRACTUM CASCARÆ SAGRADÆ LIQUIDUM.—The following revised process is suggested:—

Cascara sagrada, in No. 15 powder	1000 grm.
Alcohol (90 per cent.)	250 millilitres
Distilled water, sufficient to produce	1000 millilitres

Exhaust the cascara sagrada with distilled water by percolation; evaporate the percolate to 600 millilitres; add the alcohol previously mixed with 150 millilitres of distilled water, or with sufficient to produce the required volume. Let the mixture stand for not less than forty-eight hours, and filter.

EXTRACTUM CASCARÆ SAGRADÆ SICCUM.—The following revised process is suggested:—

Exhaust the cascara sagrada, in No. 15 powder, with distilled water by percolation; evaporate the percolate under reduced pressure to dryness; granulate the product by passing through a No. 20 sieve.

EXTRACTUM CINCHONÆ LIQUIDUM.—The Subcommittee recommend the introduction of a standardised soft extract of cinchona from which the other preparations can be prepared by solution, in accordance with the principle worked out by F. J. Todd [*C. & D.*, 1927, II, 23]. The formula suggested differs from that of Todd in that 90 per cent. alcohol is used instead of a mixture of strong solution of ammonia and 90 per cent. alcohol, and the product contains 10 per cent. of alkaloids instead of 15 per cent.

EXTRACTUM CINCHONÆ

Extract of cinchona contains in 100 grams 10 grm. ± 0.5 of the alkaloids of red cinchona bark.

Red cinchona bark, in No. 60 powder	1000 grm.
Glycerin, Alcohol (90 per cent.)	of each a sufficient quantity

Moisten the cinchona bark with 600 millilitres of alcohol (90 per cent.), set aside for four hours in a well-closed vessel, and pack in a percolator. Add sufficient of the alcohol (90 per cent.) to saturate the powder and leave a layer above. Macerate for twenty-four hours, then percolate slowly with more of the alcohol (90 per cent.) until exhausted. Recover the alcohol from the percolate by distillation, add 100 millilitres of glycerin, and evaporate to the consistence of a soft extract. Determine the proportion of alkaloids in 2 grm. of the extract by the following process [referred to Pharmaceutical Chemistry Subcommittee]. Evaporate the remainder of the extract, or dilute it with a sufficient quantity of glycerin, so as to produce an extract of the required strength.

The use of industrial methylated spirit should be permitted.

EXTRACTUM CINCHONÆ LIQUIDUM

Liquid extract of cinchona contains in 100 millilitres 5 grm. ± 0.25 of the alkaloids of red cinchona bark.

Extract of cinchona	500 grm.
Hydrochloric acid	30 millilitres
Glycerin	100 millilitres
Alcohol (90 per cent.)	250 millilitres
Distilled water, sufficient to produce	1000 millilitres

Mix the extract of cinchona with the alcohol (90 per cent.), and 250 millilitres of distilled water; add the glycerin, the hydrochloric acid and a sufficient quantity of distilled water to produce the required volume. Set aside for twenty-four hours; filter.

EXTRACTUM COLCHICI

This should be replaced by a standardised dry extract prepared from dried corms. The following process and alkaloidal standard are suggested:—

EXTRACTUM COLCHICI SICCUM

Dry extract of colchicum contains in 100 grm. 1 grm. ± 0.1 of colchicine.

Colchicum corm, in No. 40 powder	1000 grm.
Alcohol (60 per cent.), Lactose	of each a sufficient quantity

Exhaust the colchicum corm by percolation with alcohol (60 per cent.). Recover the alcohol by distillation, and evaporate the residue to a thin syrupy liquid. Determine the proportion of total solids in the syrupy liquid by evaporating 2 grm., drying the residue at 100°, and weighing. Determine also the proportion of colchicine in the syrupy liquid by the following process [referred to Pharmaceutical Chemistry Subcommittee]. To the remainder of the syrupy liquid add the calculated amount of lactose required to produce a dry extract containing 1 per cent. of colchicine. Dry. Powder and triturate until mixed. Pass the powdered extract through a No. 20 sieve.

The use of industrial methylated spirit should be permitted.

EXTRACTUM COLCHICI LIQUIDUM

A standardised liquid extract made from the defatted seeds is recommended for inclusion in the Pharmacopœia. Tincture of colchicum should be made from this liquid extract by dilution with alcohol (60 per cent.). The following formula and alkaloidal standard are suggested:—

Liquid extract of colchicum contains in 100 millilitres 0.4 grm. ± 0.04 of colchicine.

Colchicum seeds, in No. 30 powder	1000 grm.
Petroleum spirit, Alcohol (60 per cent.)	of each a sufficient quantity

Pack the colchicum seeds in a percolator, add enough petroleum spirit to saturate the drug and leave a layer above it. When the liquid begins to drop from the percolator, close the outlet, and macerate for twenty-four hours; then allow the percolation to proceed, continuing the addition of petroleum spirit until 1 millilitre of the percolate leaves no more than a barely perceptible film when evaporated in a glass basin. Remove the marc from the percolator and dry it, gradually heating it to 50°. Again reduce it to powder, repack in the percolator, and moisten with alcohol (60 per cent.); macerate for forty-eight hours, then pour on successive quantities of the alcohol (60 per cent.), percolating slowly until 1,000 millilitres of the percolate are obtained. Determine the proportion of colchicine in the percolate by the following process [referred to Pharmaceutical Chemistry Subcommittee]. To the remainder

of the percolate add a sufficient quantity of alcohol (60 per cent.) to produce a liquid extract of the required strength.

Extractum Filicis Liquidum.—The minimum content of filicin should be raised to 24 per cent.

Extractum Gentianæ.—The following slightly modified process is suggested:—Infuse crushed gentian root in ten times its weight of distilled water for two hours; boil for fifteen minutes; decant the clear liquid; press the marc; strain the expressed liquid and mix it with the reserved liquid; evaporate to the consistence of a soft extract.

Extractum Glycyrrhizæ

The unpeeled root should be used and should be exhausted by percolation with chloroform water. The following modified process is suggested:—

Liquorice root, unpeeled, in coarse powder	1000 grm.
Chloroform water	a sufficient quantity

Moisten the liquorice root with chloroform water and allow to stand for twelve hours. Transfer to a percolator and percolate with chloroform water until exhausted. Heat the percolate to boiling and maintain for five minutes; allow to stand; decant the clear liquid; filter the remainder; mix the two liquids, and evaporate to the consistence of a soft extract.

Extractum Glycyrrhizæ Liquidum

The unpeeled root should be used and should be exhausted by percolation with chloroform water. The following modified process is suggested:—

Liquorice root, unpeeled, in coarse powder	1000 grm.
Chloroform water, Alcohol (90 per cent.) ...	of each a sufficient quantity

Moisten the liquorice root with chloroform water and allow to stand for twelve hours. Transfer to a percolator and percolate with chloroform water until exhausted. Heat the percolate to boiling and maintain for five minutes; allow to stand; decant the clear liquid; filter the remainder; mix the two liquids and evaporate until the liquid, when cold, has acquired a specific gravity of 1.200; add to this one-fourth of its volume of alcohol (90 per cent.). Let the mixture stand for twelve hours; filter.

Extractum Hyoscyami Liquidum

A standardised liquid extract is recommended for inclusion in the Pharmacopœia. Tincture of hyoscyamus should be made from this liquid extract by dilution with alcohol (70 per cent.). The following formula and alkaloidal content are suggested:—Liquid Extract of Hyoscyamus contains in 100 millilitres 0.05 grm. ± 0.005 of the alkaloids of hyoscyamus leaves.

Hyoscyamus leaves, in No. 40 powder	1000 grm.
Alcohol (70 per cent.) ...	a sufficient quantity

Exhaust the hyoscyamus leaves by percolation with the alcohol (70 per cent.). Reserve the first 850 millilitres of the percolate; recover the alcohol from the remainder by distillation under reduced pressure; evaporate the residue at a temperature below 60° to a soft extract; dissolve this in the reserved portion. Determine the proportion of alkaloids in the liquid thus obtained by the following process [referred to the Pharmaceutical Chemistry Subcommittee]. To the remainder of the liquid add sufficient alcohol (70 per cent.) to produce a liquid extract of hyoscyamus of the required strength.

Extractum Krameriæ.—A direction to conduct the evaporation under reduced pressure should be added.

Extractum Malti

The following description should be given:—Extract of malt is prepared from sound, malted grain of barley, *Hordeum distichon*, Linn., by infusion with water at a suitable temperature and evaporation of the strained liquid under reduced pressure at a temperature not exceeding 55° until a viscous product is obtained.

Characters.—An amber or yellowish-brown sweet viscous extract with an agreeable characteristic odour. Miscible with water in all proportions forming a translucent solution.

Figures for specific gravity and diastatic value should be included. [Referred to the Pharmaceutical Chemistry Subcommittee.]

Extractum Malti cum Oleo Morrhuæ

The following formula is suggested:—

Extract of malt	900 grm.
Cod-liver oil	100 grm.

Mix thoroughly with the aid of gentle heat.

Extractum Nucis Vomicæ Liquidum.—The drug should be exhausted by percolation with alcohol (70 per cent.). The defatting process should be carried out after the removal of the alcohol from the percolate and the final adjustment of volume should be made with alcohol (45 per cent.).

Extractum Nucis Vomicæ Siccum.—The use of industrial methylated spirit for exhausting the drug should be permitted.

Extractum Senegæ Liquidum

A desire has been expressed for the inclusion of a more concentrated preparation than tincture of senega. The Subcommittee suggest the following formula for a liquid extract from which the tincture should be made by dilution with alcohol (60 per cent.):—

Senega root, in No. 20 powder	1000 grm.
Solution of ammonia ...	a sufficient quantity
Alcohol (60 per cent.), sufficient to produce	1000 millilitres

Exhaust the senega root by percolation with the alcohol (60 per cent.). Reserve the first 800 millilitres of the percolate; recover the alcohol from the remainder by distillation; evaporate the residue to a soft extract, and dissolve this in the reserved portion. Gradually add solution of ammonia until the product is faintly alkaline to litmus. Finally add sufficient alcohol (60 per cent.) to produce the required volume.

Extractum Sennæ Liquidum

A concentrated preparation of senna pods would be a useful addition to the Pharmacopœia. The Subcommittee recommend the following formula for a liquid extract from which syrup of senna should be prepared:—

Senna pods, crushed	1000 grm.
Alcohol (90 per cent.)	250 millilitres
Chloroform water, sufficient to produce	1000 millilitres

Macerate the senna pods in 5,000 millilitres of chloroform water for eight hours in a closed vessel; strain off the clear liquid. Repeat the maceration a second and a third time for eight hours, using 2,000 millilitres of chloroform water for each maceration. After the third maceration lightly press the marc; strain the expressed liquid and mix it with the product of the previous macerations. Evaporate the mixed liquids under reduced pressure at a temperature not exceeding 60° to 750 millilitres. Add the alcohol (90 per cent.), adjust the volume to 1,000 millilitres by the addition of chloroform water. Allow to stand for twenty-four hours; filter.

Fel Bovinum Purificatum

The name should be changed to "Extractum Fellis Bovini," and the use of industrial methylated spirit should be permitted.

Glycerins

The Subcommittee recommend that, for convenience in manufacture, the quantities in the formulas for these preparations should be expressed by weight. The error involved in measuring glycerin would be thus avoided. In the following suggested formulas the products are adjusted to weight instead of to volume, but the proportions of the active ingredients do not differ substantially from those of the British Pharmacopœia, 1914.

GLYCERINUM ACIDI BORICI

Boric acid	310 grm.
Glycerin, sufficient to produce ...	1000 grm.

Heat 460 grm. of glycerin to a temperature between 140° and 150°, add the boric acid and heat until dissolved, stirring constantly; evaporate at a temperature not exceeding 150° until the weight of the mixture has been reduced to 500 grm., the stirring being continued. Add sufficient glycerin to produce the required weight; mix thoroughly, warming if necessary.

GLYCERINUM ACIDI TANNICI

Tannic acid	150 grm.
Glycerin, sufficient to produce ...	1000 grm.

Mix; warm gently until solution is effected.

GLYCERINUM ALUMINIS

Potassium alum	130 grm.
Distilled water	60 millilitres
Glycerin, sufficient to produce ...	1000 grm.

Powder the alum; mix it with the distilled water and the glycerin, warm gently until dissolved; filter if necessary.

GLYCERINUM AMYLI

Starch	85 grm.
Distilled water	170 millilitres
Glycerin, sufficient to produce ...	1000 grm.

Mix the starch with the distilled water. Add to the glycerin previously heated to about 140°. Heat at a temperature not exceeding 140°, with constant stirring, until a translucent jelly is formed.

GLYCERINUM BORACIS

Purified borax	120 grm.
Glycerin, sufficient to produce ...	1000 grm.

Powder the borax; triturate with the glycerin; heat with constant stirring until solution is effected.

GLYCERINUM PHENOLIS

Phenol	160 grm.
Glycerin, sufficient to produce ...	1000 grm.

Mix; warm gently, if necessary, until solution is effected.

Infusions

It is suggested that the word "Recens" should be added to the name of each infusion so that the physician who prefers fresh infusions may order them and may feel confident that they will be dispensed.

CONCENTRATED INFUSIONS

The Subcommittee recommend the inclusion in the Pharmacopœia of concentrated preparations, which, when diluted with seven times their volume of water, represent the fresh infusions. It is expected that it will be possible, as the result of experiments now proceeding, to include suitable formulas in a later report. In the absence of an instruction to supply the fresh infusion it should be left to the discretion of the pharmacist to dispense either the fresh infusion or the product obtained by diluting the concentrated preparation. The following note should be appended to the formula of each fresh infusion:—"For dispensing purposes this infusion should be used within twelve hours of its preparation. When Infusum . . . is prescribed, fresh infusion not being specified, either Infusum . . . Recens or Infusum . . . Concentratum, suitably diluted, shall be dispensed."

The following note should be appended to the formula of each concentrated infusion:—"This Concentrated Infusion when diluted with seven times its volume of distilled water yields a preparation which is approximately equivalent in strength, but not in flavour, to Fresh Infusion of . . . and differs also in containing a small proportion of Alcohol."

No concentrated infusion of digitalis should be described and the dispensing of fresh infusion should be required.

Fresh Infusion of Senna and Concentrated Infusion of Senna should be made with Senna Pods.

Liniments

LINIMENTUM BELLADONNÆ

The strength of this preparation should not be changed, but the manufacture direct from the root should be described in order to allow the use of industrial methylated spirit.

Belladonna root in powder No. 20	1000 grm.
Camphor,	
Alcohol (90 per cent.),	
Distilled water	of each a sufficient quantity

Moisten the belladonna root with a mixture of seven volumes of alcohol (90 per cent.) and one volume of distilled water, pack in a percolator, and percolate with more of the same menstruum until the root is exhausted. Reserve the first 800 millilitres of the percolate; evaporate the remainder to a syrupy consistence and add it to the reserved portion. Determine the proportion of alkaloids in ten millilitres of the liquid thus obtained, by the process described under Liquid Extract of Belladonna. Add to the remainder of the liquid sufficient camphor and menstruum to produce a Liniment of Belladonna of the required strength.

LINIMENTUM CAMPHORÆ

It is understood that a high-grade olive oil will be described in the Pharmacopœia and for economical reasons the olive oil in Linimentum Camphoræ should be replaced by cotton-seed oil, and permission should be given for the use of arachis oil or sesame oil in parts of the Empire outside the British Isles.

Lozenges

It is recommended that the description of four different bases for lozenges be discontinued and that a General Process be described giving a basis similar in character to the present Tolu Basis.

Trochiscus Bismuthi Compositus and Trochiscus Phenolis will require special formulas.

GENERAL PROCESS

Take one thousand times the quantity of the drug ordered for one lozenge; dissolve such salts of alkaloids as may be ordered in 20 millilitres of distilled water; mix the solution with 1,000 grm. of refined sugar and 70 grm. of gum acacia, both in fine powder. Incorporate 20 millilitres of tincture of balsam of tolu, and any other drugs ordered for the lozenges. Make into a paste with a sufficient quantity of distilled water; divide into 1,000 equal lozenges, and dry in a hot-air chamber at a moderate temperature.

TROCHISCUS ACIDI TANNICI

Each lozenge contains approximately 30 milligrams or ½ grain of tannic acid.

Tannic acid	0.03 grm.

Prepare a lozenge by the General Process.

TROCHISCUS BISMUTHI COMPOSITUS

Each lozenge contains approximately 0.15 grm. or 2¼ grains of bismuth oxycarbonate.

Bismuth oxycarbonate	150.00 grm.
Heavy magnesium carbonate ...	150.00 grm.
Calcium carbonate*	300.00 grm.
Refined sugar, in fine powder ...	1000.00 grm.
Gum acacia, in fine powder ...	70.00 grm.
Oil of rose, of commerce, pure	0.05 millilitre
Distilled water	70.00 millilitres, or a sufficient quantity

Mix the powders and add the oil of rose. Make the mixture into a paste with a sufficient quantity of distilled water, divide into 1,000 equal lozenges and dry in a hot-air chamber at a moderate temperature.

* The Subcommittee are advised that the title Calcium Carbonate will be given to the substance now named Precipitated Calcium Carbonate.

TROCHISCUS KRAMERIÆ

Synonym: Rhatany Lozenge

Each lozenge contains approximately 60 milligrams or 1 grain of extract of krameria.

Extract of krameria	0.06 grm.

Prepare a lozenge by the General Process.

TROCHISCUS KRAMERIÆ ET COCAINÆ

Synonym: Rhatany and Cocaine Lozenge

Each lozenge contains approximately 60 milligrams or 1 grain of extract of krameria and approximately 3 milligrams or 1/20 grain of cocaine hydrochloride.

Extract of krameria	0.060 grm.
Cocaine hydrochloride	0.003 grm.

Prepare a lozenge by the General Process.

TROCHISCUS MORPHINÆ ET IPECACUANHÆ

Each lozenge contains approximately 2 milligrams or 1/32 grain of morphine hydrochloride and approximately 6 milligrams or 1/10 grain of ipecacuanha root.

Morphine hydrochloride	0.002 grm.
Ipecacuanha root, in powder ...	0.006 grm.

Prepare a lozenge by the General Process.

TROCHISCUS PHENOLIS

Synonym: Carbolic Acid Lozenge

Each lozenge contains approximately 30 milligrams or ½ grain of phenol.

Phenol, in powder	30 grm
Refined sugar, in fine powder ...	1000 grm.
Gum acacia, in fine powder ...	90 grm.
Tragacanth, in fine powder ...	30 grm.
Citric acid, in powder	7 grm.
Carmine, of commerce, pure ...	3 grm.
Distilled water... 90 millilitres,	or a sufficient quantity

Mix to form a paste. Divide into 1,000 equal lozenges. Dry them in a hot-air chamber at a moderate temperature.

Mixtures

MISTURA SENNÆ COMPOSITA

This will be made with Fresh Infusion of Senna Pods which will repl ce the Infusion of Senna Leaves at present official.

MISTURA MAGNESII HYDROXIDI

The following formula is suggested for inclusion:—

Mixture of magnesium hydroxide contains in suspension hydrated magnesium oxide equivalent to 8.25 gram. ± 0.25 of $Mg(OH)_2$ in 100 millilitres.

Magnesium sulphate	47.5 grm.
Sodium hydroxide	15.0 grm.
Light magnesium oxide	52.5 grm.
Distilled water, sufficient to produce	1000.0 millilitres

Dissolve the sodium hydroxide in 150 millilitres of distilled water, add the light magnesium oxide, mix to form a smooth cream and then add sufficient distilled water to produce 2,500 millilitres. Pour this suspension in a thin stream into a solution made by dissolving the magnesium sulphate in 2,500 millilitres of distilled water, stirring continuously during the mixing. Allow the precipitate to subside, remove the clear liquid, transfer the residue to a calico strainer, allow to drain, and wash the precipitate with distilled water until the washings give only a slight reaction for sulphates. Mix the washed precipitate with sufficient distilled water to produce the required volume.

Mucilages

MUCILAGO ACACIÆ.—Some measure should be taken to prevent or delay the development of acidity on keeping. The use of chloroform water instead of distilled water is recommended.

MUCILAGO TRAGACANTHÆ.—The use of chloroform water instead of distilled water is recommended.

Ointments and Ointment Bases

In response to the suggestion that lard and benzoated lard should be replaced as far as possible by a base which is not liable to develop rancidity, the Subcommittee have made experiments with mixtures of paraffins and various fats. They recommend the introduction of the following formula, under the name of Unguentum Simplex, as a base for certain of the official ointments which are now made with lard.

UNGUENTUM SIMPLEX

Wool fat	50 grm.
Hard paraffin	100 grm.
Soft paraffin	850 grm.

Melt together; stir until cold.

UNGUENTUM ACIDI BORICI AND UNGUENTUM ACIDI SALICYLICI.—No change in these is recommended with the exception of the change in the composition of the paraffin ointment used as a basis.

UNGUENTUM ACIDI CARBOLICI.—The following is recommended as an improvement on the present formula. The name should be changed to

UNGUENTUM PHENOLIS

Phenol	30 grm.
Hard paraffin	75 grm.
Soft paraffin, white	770 grm.
White beeswax	75 grm.
Lard	50 grm.

Melt together the hard and soft paraffins, white beeswax and lard; dissolve the phenol in the mixture; stir until cold.

UNGUENTUM ACIDI TANNICI

The following formula for this new preparation is suggested:—

Tannic acid	200 grm.
Glycerin	200 grm.
Yellow beeswax	120 grm.
Benzoinated lard	480 grm.

Dissolve the tannic acid in the glycerin with the aid of gentle heat. Melt the yellow beeswax, add the benzoinated lard, heat gently until melted, stir until cool and mix with the solution of tannic acid.

UNGUENTUM AQUÆ ROSÆ.—In response to the request for the retention in the Pharmacopœia of an ointment of the cold cream type which could be used as a basis, the following formula is suggested for inclusion under the name of

UNGUENTUM AQUOSUM

Distilled water	240 millilitres
Purified borax	10 grm.
White beeswax	125 grm.
Arachis oil	500 grm.
Soft paraffin, white	125 grm.

Melt the white beeswax and the soft paraffin in the arachis oil and dissolve the purified borax in the distilled water by the aid of heat. When both liquids are at about the same temperature add the aqueous solution gradually to the oily liquid and stir until cold.

Unguentum Chrysarobini.—Simple ointment should be used as basis instead of soft paraffin.

Unguentum Hydrargyri Compositum.—The olive oil should be replaced by cotton-seed oil.

Unguentum Hydrargyri Ammoniati, Unguentum Hydrargyri Oleati, Unguentum Hydrargyri Subchloridi, Unguentum Sulphuris, and *Unguentum Zinci.*—These should be made of the present strengths, but with simple ointment as a basis instead of benzoinated lard.

UNGUENTUM PARAFFINI

The following formula is suggested. It gives an ointment of more uniform consistence with a slightly lower melting point than the ointment of the present Pharmacopœia.

Hard paraffin	80 grm.
Soft paraffin	900 grm.
White beeswax	20 grm.

Melt together; stir until cold.

(To be continued.)

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

28 Essex Street, W.C.2, October 23

ALTHOUGH it is generally assumed that a recovery in trade will be a slow process, there is a growing belief that the worst of the trade depression has been seen, and there are already signs of an improvement. There has been a better tone in Stock Exchange circles lately, which is at least indicative of a return of confidence. Some of the commodity markets in Mincing Lane which had fallen to extraordinarily low levels have also recuperated, chiefly because of an improving genuine demand. Business in pharmaceutical chemicals continues on a somewhat limited scale, only a few products showing real activity. Citric acid has declined further on a weak market; cream of tartar, however, shows a further improvement. Hexamine is steadier. Among crude drugs, conditions have lately shown a tendency to improvement and the tone is steadier in a number of articles. Chamomiles are very firm and are likely to gradually appreciate in value as the cheaper lots are being cleared off the market at the source. Agar-agar has been in better demand of late and is dearer. Fine reboiled dragon's blood is scarce, most of the quality offering being part mixed. Gum acacia has fluctuated slightly but is easier on balance, with an absence of demand. Honey has shown rather more inquiry. Menthol is cheaper, both on the spot and to arrive, owing to manipulation. Ipecacuanha is unchanged. Among essential oils the chief feature is the substantial decline in new crop Japanese dementholised peppermint for forward delivery on speculative account; spot, however, is steady. American oil is featureless; Chinese star anise is easier; new Sicilian lemon is offered at reasonable prices, and new crop sweet orange is cheaper. West Indian lime, clove and cajuput are firm; spearmint is lower. Among fixed oils subdued markets continue to be reported, and a number of further reductions are recorded. Linseed and turpentine are steadier; palm oils show a recovery, but business is not good; acid oils and soya are irregular, while Hankow wood and rape are lower. In the mineral oil section, lubricating oils (cylinder) are much cheaper; benzol shows a further slight reduction, and petroleum jellies are the turn easier. Among the industrial chemicals a moderate volume of business has been done. Barium chloride is easier, and chlorates of potassium and sodium are weak. Arsenic has hardened.

Higher	Firmer	Easier	Lower
Agar agar Cream of tartar Resorcin Rubber Shellac (spot, c.i.f. and delivery)	Arsenic Clove oil Palm oils	Anise (star) oil Barium chlor. Benzols Millet seed Orange oil (Sic.) Petroleum jellies Pimento (spot)	Chlorophyll Citric acid Farina Galls (Ch. c.i.f.) Lubricating oil Menthol Peppermint oil (Jp. dem.) Phenobarbyl acid and soda Spearmint oil Toluol Wood oil Xylol
	Steadier		
	Linseed oil Turpentine		

Crude Drugs, etc.

AGAR-AGAR has been in better demand of late and the price is rather dearer at 4s. 4½d. to 4s. 6d., and 4s. 3d. for No. 2. To arrive, 4s. 5d. c.i.f. is quoted for Kobe No. 1 and 4s. 2¾d. for No. 2.

ANTIMONY is dull and featureless, due to a poor trade demand, and the undertone is easier although terms on the spot for Chinese regulus are fairly well held at £26. There is no interest shown in forward shipments, and the quotation is about £24 10s. c.i.f. English high-grade is about £46, but good ordinary brands are obtainable down to £36. Chinese crude is nominally £21 10s., and Chinese white oxide is easier at about £31 10s. to £32 both on the spot.

BALSAMS.—*Copaiba* (B.P.) is steady at about 1s. 6d. *Canada* balsam is worth 4s. 3d. *Peru* is 6s. 6d. to 7s. for B.P., and *Tolu* is 3s. 3d. to 3s. 4d. per lb. on the spot.

CADMIUM.—The recent downward tendency became more pronounced owing to the continued indifferent trade demand and excess of supplies. Buyers are evidently holding back as long as possible due to the impression that prices may yet fall further. Current quotations are about 2s. 3d. per lb. for fair sized lots on the spot, but so far as can be gathered contracts for forward delivery could be arranged for good quantities at below 2s. 2d. per lb.

CAMPHOR (REFINED).—Japanese slabs offer at 2s. 2½d., flowers at 2s. 4½d., and ¼oz. tablets at 2s. 9d. on the spot. To arrive, for November-December shipment, slabs offer at 1s. 11¾d., flowers at 2s. 0½d. and ¼oz. tablets at 2s. 6½d. c.i.f.

CASCARA SAGRADA remains firm, with one-year-old offering at about 54s. per cwt., two-year at 65s., and three-year-old at 70s.; new peel, 47s. 6d., all on the spot.

The landings in London during September amounted to 11 tons and the deliveries 14 tons, leaving a stock on September 30 of 56 tons, against 141 tons in September 1929; the landings to date have been 37 tons, against *nil* last year, and the deliveries 139 tons, against 152 tons.

CHAMOMILES.—Although prices have not yet advanced, there is a firm undertone to the market; as compared with last year values are relatively cheap, and given the same ratio of demand as last year it is quite expected there will be a marked improvement in price later. With this idea there are buyers securing any parcels that appear to be cheap. Old crop is a better and larger-sized flower than the cheaper grades of the new crop; they are valued at from 120s. to 130s., and new crop on the spot ranges from 125s. to 150s. per cwt. as to quality. To arrive from Belgium, from 145s. to 155s. c.i.f. is quoted, with a clearance of the cheaper priced lots.

CLOVES remain firm, with spot sales of Zanzibar 1s. 5d. per lb. October shipment has been sold at 1s. 2d. c.i.f., and October-December shipment at 1s. 1¾d. c.i.f., with further sellers on Wednesday. Madagascar is quoted at 1s. 4¾d. on the spot.

The landings of Zanzibar in London during the week ended October 18 amounted to *nil* and the deliveries to 34, leaving a stock of 297, against 706 in 1929 and 3,930 in 1928. From January 1 to October 18 the landings of Zanzibar have been 6,257, against 5,993 in 1929, and the deliveries have been 5,957, against 7,674 in 1929. Of Madagascar the landings for the week ending October 18 were *nil* and the deliveries 141, leaving a stock of 1,191, against 24 in 1929 and 1,954 in 1928; the landings of Madagascar this year to date have been 5,235, against 848, and the deliveries 4,058, against 3,369.

COCOA BUTTER is quoted at from 11½d. to 1s. per lb. for prime English, 1s. 0½d. for C.F.R., and 1s. 0½d. for Van Houten's "A," in not less than one-ton lots.

COCONUT (DESICCATED).—Colombo has advanced to 23s. on Continental demand. Market here is very quiet with little business doing, and fine, medium and coarse spot is offered at 23s. 6d. per cwt. on the spot. For shipment (in minimum 100 case lots), October-November or November-December shipment is quoted at 23s. c.i.f.

COD-LIVER OIL.—Judging by latest advices from Bergen the market remains firm and unchanged. There is a brisk demand for oil for veterinary purposes at a few shillings below the quotation for medicinal quality. The exports of medicinal quality from Norway from January 1 to October 4, 1930, amounted to 65,799 barrels, against 83,665 barrels for the corresponding period of 1929. In London, agents report the market as unchanged, offering finest new non-freezing steam-refined Lofoten oil at from 100s. to 102s. per barrel, c.i.f. London. A fair quantity has recently been bought for export to the Far East.

CORN PRODUCTS, ETC.—Guaranteed water-white English *glucose* (corn syrup) is unchanged at 19s. per cwt. for October delivery ex store, London; American guaranteed water-white is also 19s. net for delivery up to end of October, ex store, London. Dutch *maize starch powder* (cornflour) is 12s. per cwt. on the spot; American for delivery up to the end of the year is 12s. 3d. ex store, London. *Pearl starch* for delivery up to the end of the year is 11s. 9d. per cwt. ex store, London. Dutch *maize starch crystals* is 19s. 6d. on the spot, and American for delivery up to the end of the year is 16s. per cwt. ex store, London. Dutch *dextrin* is quoted at 18s. to 22s. per cwt. on the spot, as to quality. American canary for delivery up to the end of the year is 18s. 4½d.; white is 18s. 1½d.

per cwt. net ex store, London, for delivery up to the end of the year. Dutch *farina* is 9s. per cwt. on the spot, and to arrive 7s. 9d. is quoted f.o.b for October-December shipment. Polish for October-December shipment is 7s. 9d. c.i.f., and German is 8s. c.i.f.

ERGOT remains steady, so-called Russian and/or Polish offering at from 10d. to 11d. per lb. Spanish and/or Portuguese is quoted at from 2s. 3d. to 2s. 4d. on the spot.

GALLS.—Chinese are cheaper, both plum-shaped and ordinary offering to arrive for December-January shipment at 48s. per cwt. c.i.f.

GUM ACACIA.—The market has fluctuated slightly either way, but is easier on balance, with a decided absence of demand. Shippers of old-crop Kordofan natural sorts for October-November shipment offer at 47s. per cwt. and at 49s. c.i.f. for cleaned. New crop for December-January shipment is quoted at 46s., and cleaned at 48s. c.i.f. Cleaned Kordofan on the spot is 58s., and natural is 56s. Talha is 35s. spot and 27s. c.i.f. Bleached has been sold at from 150s. to 155s. per cwt. as to quality.

The landings in London of all descriptions during September were 1,074 packages and the deliveries 983, leaving a stock on September 30 of 4,950, against 3,242 in 1929, 7,699 in 1928, and 8,887 in 1927. The landings to date (September 30) have been 16,117, against 14,848, and the deliveries to date, 13,052, against 16,795 for the first nine months of 1929, or 3,743 packages less.

HONEY shows rather more inquiry, with holders meeting buyers. Dark liquid Jamaica is quoted at from 27s. 6d. to 28s.; brown to pale amber, 30s. to 35s.; good to fine, 35s. to 40s.; pale to whitish set, 38s. to 42s. per cwt.; San Domingo, good to fine, 32s. 6d. to 37s. 6d.; Cuban, 32s. 6d. to 37s. 6d.; Californian, 42s. 6d. to 48s. 6d.

IPECACUANHA is unchanged, with Matto Grosso selling at about 12s. 6d. per lb.

LIQUORICE ROOT.—Good quality Syrian is offered at 17s. 6d. per cwt. on the spot. Persian at 18s. 6d. and Russian at 15s. c.i.f. Decorticated is quoted at 35s.

MENTHOL.—The market this week has been influenced by the declining prices at which forward business has been done on speculative account, and we understand that business has been done in K/S for October-December shipment down to 11s. 6d. per lb. c.i.f., with further sellers on Wednesday. Although spot goods are relatively scarce these "paper" transactions have somewhat scared holders here, who came out as sellers at from 14s. 4½d. to 14s. 6d. according to quantity. There appears to be no genuine reason for the spot decline except from a sentimental point of view, especially as the majority of the cheap goods sold to arrive will not reach here until the winter is practically over. The efforts to get prices for new crop down in Japan for buying purposes have no doubt succeeded, assisted by certain parties in London, who view the matter as a speculation only.

MERCURY.—The position is much as it was before, and demand continues slow and confined to small lots. Terms on the spot remain at £21 18s. 9d. to £22 per bottle net as quoted by the agents of the Combine. The c.i.f. quotation for shipment has been maintained at £21 15s. net f.o.b. for at least 25 bottles. U.K. imports for last month were again very liberal, amounting to 2,530 bottles, and the total for the nine months amounts to 11,716 bottles. This compares with only 3,814 bottles for the same period last year. There is undoubtedly plenty of mercury available on the spot. The outlook seems uncertain, and this tends to restrict the demand.

PEPPER is dearer on the week. Lampong is 8d. per lb. on the spot. To arrive, sales include August-October shipment at 7⅛d. to 7¼d. c.i.f.; October-December at 7¼d. to 7d. c.i.f. Tellicherry is 85s. c.i.f. for November-December shipment, and Alleppy 75s. c.i.f. for November-December. White Muntok is 1s. 2d. spot. To arrive, August-October shipment has been sold at 10⅝d. to 10¾d. to 10½d., and October-December at 10⅛d. to 10½d. to 10⅜d. c.i.f.

PIMENTO is quiet at 7d. per lb. on the spot, and for November-December shipment sellers quote 51s. per cwt.

RUBBER is steadier all round, and on balance was $\frac{3}{16}$d. to ¼d. per lb. better on the close. During the past few days there has been a distinctly better tone, and quite a fair amount of buying has taken place. Whilst the improvement has been very gradual, importers, who a week previously were pressing to sell, are at the moment holding for higher prices. On the other hand, it is difficult to anticipate a much better market for the time being, on account of the heavy surplus of rubber in all the principal centres. Arrivals last week totalled 2,389 tons, whilst deliveries were 1,532 tons, showing a further increase of 857 tons in the stocks. The London stock now stands at 83,102 tons, against 45,711 tons at the corresponding period last year. The Liverpool stock now stands at 27,211 tons. Quotations (Wednesday, 5 p.m.): No. 1 standard ribbed smoked sheet, spot and November, $4\frac{1}{16}$d.; December, 4⅛d.; January-March, 4¼d.; April-June, 4⅜d. per lb.

SEEDS.—ANISE.—Spanish is 52s. 6d., Bulgarian 40s., and Russian 31s. per cwt. on the spot. FENNEL.—Bulgarian on the spot is quiet at 40s. per cwt. CANARY is quiet. Mazagan on the spot is 25s. 6d., and for shipment 24s. 9d. c.i.f. Morocco is 25s. on spot, and for prompt shipment 21s. c.i.f. is quoted. Turkish (2 per cent.) for shipment is now quoted 19s. c.i.f; the spot price is 20s. 6d. MILLET.—There are sellers on the spot at 8s. per cwt. CUMIN.—Malta on spot is quoted at 62s. 6d. and Morocco is offered at 55s.; market is firm. FENUGREEK on spot is 19s. 6d. for old crop, with a little business passing; new crop of poor quality is 17s. 6d. spot. CORIANDER.—Old crop is 9s. 9d., and new crop 9s. 6d. per cwt. on the spot; no demand at present. CARAWAY.—Dutch on spot is unchanged at 32s. 6d., and new crop is 31s. 6d. MUSTARD.—English is 26s. to 33s. per cwt., according to quality. DILL.—Indian (11 per cent.) on spot is offered at 21s. 6d. per cwt.

SHELLAC is dearer, usual standard TN orange quality having advanced to 92s. 6d. per cwt. on the spot; fine orange is 105s. to 200s., pure button 110s., and AC cakey 100s. per cwt. To arrive, sales of TN for October-November and November-December shipment have been made at 73s. to 80s. c.i.f. Sales for delivery include December at 76s. to 82s., and March at 77s. to 86s.

Essential Oils

THE essential oil market is not very bright from a seller's point of view, and in sympathy with the downward trend of prices of many commodities it follows suit. The weakness in the Japanese dementholised peppermint oil values is one of "paper," and with any volume of buying might recover rapidly. The new crop lemon oil opens at a reasonable level, and consumers may be well advised to buy a little.

ANISE (STAR).—"Red Ship" brand is easier and is quoted (2 × 37 tins) in cases at 4s. 4½d., 2½ per cent. net weights: four leads in cases at 4s. 6d., 2½ per cent. and allowance. Tonkin oil is being offered in 2 × 18 kilo tins in cases at 4s. 3d. per lb. net. For November-December shipment, leads in cases is quoted at 2s. 10d., tins in cases at 2s. 8d., and drums at 2s. 7d. per lb., all c.i.f. terms.

CAJUPUT.—Genuine native is firm; cases of original bottles are scarce, not many being imported, and is quoted at 2s. 10½d.; tins of 28 lb., repacked from drums, are offered at 2s. 7½d. per lb.

CLOVE.—The fruit continues to advance, and in consequence the oil is dearer, English distilled B.P. being quoted 7s. 3d. to 8s. per lb.

LEMON.—Offers of the new Sicilian crop for delivery in the new year have opened very reasonably, and for quantity the hand-pressed is quoted at 3s. 11d. to 4s. per lb. c.i.f., and machine-made 3s. 5d. to 3s. 6d. c.i.f.; present year's crop on the spot is quoted at 3s. 10½d. for hand-pressed and machine-made at 3s. 4½d. per lb.

LIME.—West Indian distilled remains firm at from 32s. 6d. to 33s. 6d. on the spot, and at about 31s. 6d. c.i.f. for forward shipment.

ORANGE.—The new crop Sicilian sweet for shipment, as soon as ready, is offered cheaply at 8s. to 8s. 3d. per lb. c.i.f.; the present crop on the spot can be had at about 8s. 3d. West Indian is slow of sale at about 8s. 6d. spot and at 7s. 6d. per lb. c.i.f.

PEPPERMINT.—Japanese dementholised for forward delivery is lower. The recent cheap offers from Japan have not resulted in much business, and this has been an excuse to offer more cheaply on this side; also conflicting reports as to the probable size of the main crop has resulted in neither sets of figures being credited; it is quite likely the fall has been overdone and a reaction may take place shortly. For January-March shipment (1931), K/S has been sold down to 3s. 4½d. c.i.f., and also October-December at 3s. 4½d. c.i.f. The spot position remains very steady at 4s. 7½d. for K/S and 4s. 6d. for five brands, the small stocks available prevent anything but straight selling. The "Syndicate" does not seem perturbed by the trend of prices, and it is thought in some directions that it is a favourable opportunity for a coup in the forward positions. American peppermint is quite featureless; the low prices quoted to consumers does not leave room for the dealer to turn round in, and there is no inducement to buy forward. Values on the spot in tins and cases is 9s. 6d., and c.i.f. is 8s. 9d. per lb., drums 3d. less.

SPEARMINT.—Genuine American is cheaper, in sympathy with lower c.i.f. prices, original tins of 20 lb. being quoted at 14s. 3d., and original cases to come forward at 11s. 6d. per lb. c.i.f.

The following arrivals have taken place from the countries indicated during the period October 8 to 14 inclusive: Anise (star) (H.-Kong) 5 cs.; bay (B.W.I.) 4 cs.; bergamot (It.) 106 cs.; cananga (Java) 1 cs.; citronella (Cey.) 3 dms., (Fr.-Indo Ch.) 2 dms., (Fr.) 10 brls.; clove (Germ.) 5 dms. 4cs.; eucalyptus (Aust.) 120 cs.; geranium (Algeria) 7 dms., (Fr.) 1 dm.; gingergrass (Fr.) 1 cs.; guaiacwood (Neth.) 2 cs.; lime (B.W.I.) 7 cs. 3 dms.; lavender (Germ.) 1 cs.; lemon (It.) 24 cs.; mandarin (It.) 2 cs.; orange (It.) 115 cs.; patchouli (Ch.) 13 cs.; peppermint (U.S.) 21 cs., (Japan) 14 cs.; petitgrain (Fr.) 1 cs., (Netherlands) 10 cs.; spike (Fr.) 7 cs.; unrated (Netherlands) 1 cs., (Sp.) 2 dms., (U.S.) 4 cs.; various (Fr.) 2 cs.; violet (Fr.) 2 cs.

Pharmaceutical Chemicals, etc.

BUSINESS continues on a rather limited scale, few products showing real activity. Citric acid has been weak and is now much cheaper; tartaric acid is lacking demand, with the quoted value unchanged; cream of tartar shows a further improvement and the demand is better. Hexamine is steadier at a slightly easier value.

ACETANILIDE (B.P.) is quoted at the old rates of 1s. 4¾d. to 1s. 6d. per lb. for crystals and powder; business is small.

ASPIRIN.—The slightly better tone reported last week is maintained, and a very fair volume of business is being done: home trade, 2s. 9d. to 2s. 11d. per lb. as to quantity; export to Colonies and British Possessions, ten cwt., 2s. 8d. to 2s. 9½d. per lb. for small lots; export to other destinations, ¼d. to ¾d. per lb. more. Home and Continental makers' prices are level for all destinations.

BARBITONE is not in much demand, and some isolated cheap lots are on the market: quoted at about 7s. to 7s. 4d. per lb. as to quantity.

BENZALDEHYDE continues to be quoted on spot at about 2s. per lb. for quantities of f.f.c., in carboys, ex store.

BROMIDES.—The only comment here refers to severe competition for business of any size, for which the quoted rates are being slightly discounted; dealers and makers are on level terms: ammonium, 1s. 8½d. to 1s. 9d.; potassium, B.P. crystals, 1s. 4½d. to 1s. 5d.; granular, about 1s. 4½d.; sodium, B.P., 1s. 7d. to 1s. 8d. per lb. as to quantity.

CAFFEINE.—Prime cryst. is quoted at from 7s. 3d. to 7s. 6d. per lb., and citrate at from 6s. 3d. to 6s. 6d. per lb. as to quantity.

CALCIUM LACTATE is unchanged, with business about average: quoted on spot from 1s. 1½d. to 1s. 3d. per lb. as to quantity.

CHLORAL HYDRATE is steady as quoted by home makers at 2s. 11½d. per lb. for duty-paid crystals in boxes and 3s. 0½d. in jars; smaller lots up to 3s. 1½d. per lb.; foreign on spot, 3s 3d. per lb.

CHLOROPHYLL is rather cheaper, soluble offering at 8s. per lb.

CITRIC ACID (B.P. crystals).—The position here seems to have taken a definite turn for the worse, with values down to about 1s. 5d. to 1s. 5¾d. per lb., the lower price for not less than one ton. The demand is still slow. Home makers quote 1s. 5¼d. per lb. less 5 per cent. discount.

CREAM OF TARTAR has been in very fair demand this week, showing a good improvement on recent times: spot prices for foreign have moved up a point to about 89s. per cwt., less 2½ per cent., for good-sized quantities; it is possible a further advance will be recorded before the end of this week. English makers quote 99 to 100 per cent. powder at 89s. per cwt. less 2½ per cent. discount.

CREOSOTE (B.P.) is steady but quiet as quoted by dealers at 1s. 8d. to 1s. 9d. per lb. as to quantity.

CREOSOTE CARBONATE is offered on spot by dealers from 5s. 9d. to 6s. per lb.; business is slow.

GUAIACOL CARBONATE is unsteady on a slow market: dealers quote from 4s. 4d. to 4s. 8d. per lb. as to quantity.

HEXAMINE is now fairly steady, with large quantities at 1s. 10d. per lb.; smaller lots run up to 1s. 11½d. per lb.

HYDROQUINONE is unchanged on a quiet market: quoted from 3s. 7¼d. to 4s. 5d. per lb. as to quantity.

LACTIC ACID (B.P.) continues to be quoted at 1s. 11d. to 2s. 1d. per lb. as to quantity and packing; some offers are slightly cheaper.

METHYL SALICYLATE (B.P.) is well maintained at the spot values of 1s. 3d. to 1s. 5d. per lb. as to quantity, and business continues on a good scale.

METHYL SULPHONAL is seldom in demand: dealers quote on spot at about 12s. 7d. to 13s. 10d. per lb. as to quantity; some sellers at less.

PARAFORMALDEHYDE continues to find a fair demand, with 100 per cent. powder in the region of 1s. 6½d. to 1s. 7d. per lb. as to quantity.

PARALDEHYDE is slow of sale: quoted on spot from 1s. 1d. to 1s. 3d. per lb. as to quantity and packing.

PHENACETIN continues very competitive, and for good-sized quantities the controlled prices of 3s. 8d. to 3s. 10½d. per lb. as to quantity are being discounted; powder, 1½d. per lb. more.

PHENAZONE is also suffering in some quarters from price-cutting: controlled prices are 6s. 11d. to 7s. 3½d. per lb. as to quantity, with powder 1½d. per lb. more.

PHENOBARBYL.—Both *acid* and *soda* have been reduced by 3s. per lb., bottom qualities offering at 60s. 8d. per lb. in lb. lots, with a reduction for contract quantities. This is regarded as a temporary reduction, and prices may shortly advance again.

PHENOLPHTHALEIN is steady as quoted for ordinary-sized business at 5s. 11d. to 6s. 1½d. per lb., but large quantities would be slightly less.

RESORCIN is rather dearer at from 3s. 2d. to 3s. 6d. per lb. as to quantity.

SALICYLIC ACID (B.P.) is very steady as quoted by home makers at 1s. 5d. for ton lots up to 1s. 8d. per lb. for small parcels.

STRYCHNINE.—Makers have issued a circular which shows a readjustment of the scheduled prices, but there is no substantial difference compared with previous values. As indicated last week, an international convention has been formed, and an advance in prices would not be surprising. Makers' prices are now as follows:—Pure cryst., 2s. 3d.; pure precip., 2s. 2d.; acetate, 2s. 4d.; arseniate, 2s. 2½d.; hydrochloride, 2s. 0½d.; nitrate cryst. or powder, 1s. 11d.; phosphate, 2s. 7d.; sulphate, 2s.; 16 oz., 1½d. per oz. less; 35 oz., 2d. per oz. less; contracts of 350 oz. or 1,000 oz., are 2½d. and 3d. per oz. respectively below the above figures.

SULPHONAL remains quiet, and dealers' quoted prices of 10s. 1d. to 11s. 2d. per lb., as to quantity, are difficult to obtain.

TANNIC ACID (B.P. *leviss*) continues steady on spot at 2s. 8d. per lb. for good quantities.

TARTARIC ACID (B.P. crystals).—The quoted price is about 11d. per lb., less 5 per cent., for good quantities of foreign on spot, but business is negligible and the market seems to be irregular and unsteady. English makers quote 11¾d. per lb. less 5 per cent. discount.

THYMOL is about steady, but there is but little business moving: synthetic fine white, 7s. 3d. to 7s. 6d. per lb. as to quantity.

VANILLIN is steady on a slow market: guaranteed ex clove oil, 14s. per lb in cwt. lots; ex guaiacol, 12s. 3d. per lb. in cwt. lots.

Industrial Chemicals, etc.

London, October 22.

A MODERATE volume of business continues in this market, and prices, as a whole, are about steady. Barium chloride is easier; chlorates are weak; acetic acid and acetone continue steady. ARSENIC has again firmed up distinctly, due to a more active demand for near delivery, and it is stated that there is virtually nothing available at present. The output has been rather seriously affected of late, chiefly owing to the closing down of the Cornish mines. The current quotation for white Cornish 99 per cent. stands at about £17 5s. per ton f.o.r. mines. Mexican high-grade is now about £17 5s. c.i.f. Liverpool. BARIUM CHLORIDE is easier on a dull market with 98-100 per cent. prime white crystals at about £9 12s. 6d. per ton, in casks, ex store. COPPER SULPHATE.—The export demand has remained quiet, but Associated British makers have retained their price at about £21 10s. f.o.b. for casks, less 5 per cent. U.K. exports for last month were 956 tons, against 1,001 tons for August and 464 tons for the same month last year. FORMALDEHYDE continues to be quoted at about £31 per ton, for 40 per cent. by volume, in casks, ex store; less for large quantities; market is very competitive. LEAD PRODUCTS.—Convention prices for red lead and dry white and white ground in oil continue as reported last week. OXALIC ACID is about steady, but the demand remains poor: quantities, £31 10s. per ton; small parcels, 32s. per cwt., ex store. POTASSIUM CHLORATE continues very weak and dull with quantities of powder at about £24 15s. per ton, ex store: small parcels, 3d. per lb. POTASSIUM PERMANGANATE

is steady on a slow market: commercial quality, in two-cwt. drums, 4¾d. to 5d. per lb., ex store. SODIUM HYPOSULPHITE is easy as quoted by dealers at £15 per ton, for pea crystals in one-cwt. kegs: commercial quality, £9 2s. 6d. per ton, in casks, ex store; makers' price for pure crystals to home consumers on contract, £15 per ton, carriage paid to buyer's station. COAL-TAR PRODUCTS, ETC.—Toluol and xylol have been reduced by makers: carbolic acid crystals are inclined to be easy as quoted, although there is a fair inquiry on the market. Cresylic acid is about steady, but business is slow. ANILINE OIL and ANILINE SALT are unchanged on a quiet market at about 8½d. per lb., packages extra, carriage paid. CARBOLIC ACID crystals have been in rather better demand this week, but, at the same time, some cheap prices are disturbing the market: makers' quoted rates are unchanged. TOLUOL is cheaper with the market quiet: commercial 90's, 1s. 9d.; pure, about 2s. per gallon, ex works. XYLOL is cheaper and in quiet demand: commercial, 1s. 9d.; pure, about 2s. 1d. per gallon, ex works.

Fixed Oils, etc.

RATHER subdued markets continue to be reported, and in a few cases further reductions in values are recorded. Turpentine and linseed oil are steadier; palm oils show some recovery; acid, rape and soya oils are unsteady. ACID OILS are dull, with quoted prices irregular: coconut and/or palm kernel, 23s. 6d.; groundnut, 21s. 6d.; soya, 18s. spot. CASTOR.—Quoted prices are unchanged, with the market flat: pharmaceutical, 42s. 6d.; first pressings, 38s. 6d.; second pressings, 35s. 6d. spot, in barrels, in not less than one-ton lots. COCONUT has been slow but prices are maintained: deodorised, spot, 37s.; Ceylon, 24s. 9d. c.i.f. COTTON.—Dull markets are reported, with prices none too steady as quoted: deodorised, 33s.; common edible, 31s.; soapmaking, 26s. 9d.; crude, 26s. spot. GROUNDNUT is dull and unsteady: deodorised, spot, about 36s.; crude Oriental, 29s. c.i.f. PALM KERNEL is about steady; business quiet: deodorised, 36s.; crude, 27s. spot. PALM.—Values for all grades show some recovery after recent reductions, but business is not good; the tone at the close was fairly steady: Lagos, 22s. 6d.; softs, 22s.; mediums, 21s. 9d.; hards, 22s.; bleached, 25s. spot. RAPE.—Lower prices are recorded on a slow market: refined, 35s.; crude, 33s. 6d. spot. SOYA is quiet and rather irregular on quotation: deodorised, 33s. 6d.; crude, 24s. 6d. spot. LINSEED (raw, naked).—Values for all positions about balance on the week and there is a better tone in the market: on spot, 26s. 6d.; October, 24s.; November-December, 24s. 6d.; January-April, 23s. 10½d.; May-August, 23s. 6d. Boiled oil on spot, 30s. TURPENTINE.—There has been no important change on balance, although American cable advices at one time were weaker, with the price at Savannah dropping to 34½ cents. Since then there has been a steadier feeling, which has been reflected in this market somewhat. Quotations are about as follows: spot, 35s.; November-December, 35s. 3d., and January-April, 36s. 9d. Last week's deliveries were 1,702 barrels, making a total since January 1 of 80,342 barrels, against 80,653 barrels for the same period last year. Stocks were returned at 36,159 barrels, which, together with the afloats, makes the London visible supply 40,659 barrels, comparing with 29,832 barrels at the same date last year. RESIN.—Prices weakened at first but steadied again, despite further increased American stocks. C.i.f. terms for America were as follows: B/D 10s. 11d., E 11s. 1½d., F/K 11s. 4d., M/N 11s. 9½d. to 12s. 4½d., W/G 15s. 5d., and W/W 16s. 10½d. WOOD.—Hankow in barrels is slow of sale and much cheaper as offered at 39s. spot and 36s. c.i.f. OLIVE.—French (B.P.) is 4s. 4d.; edible, 5s., and Italian edible 6s. 6d. net per gallon ex wharf, London.

LUBRICATING, MINERAL, BURNING OILS, ETC.—In lubricating oils, cylinders are much cheaper, while the market is quiet. Petroleum jellies are a point easier. Benzol prices have been adjusted. Other products are about unchanged. BENZOL continues steady, with a further slight reduction in price: standard motor 90's, country, 1s. 4d. to 1s. 4½d.; London, 1s. 4½d. to 1s. 4¾d. per gallon, ex works, in tank wagons. FUEL OILS are slow and unchanged: 950 gravity, £3 5s.; 890 gravity, £3 17s. 6d. per ton ex tank. PARAFFIN OILS continue unchanged. PARAFFIN WAX and SCALE continue unsteady and in slow demand: wax, 1¾d. to 4¾d. per lb., according to melting point, in bags; scale for shipment is offered at about £12 5s. per ton c.i.f. U.K. WHITE OILS continue in slow demand and unchanged: special No. 1, £24 5s.; No. 1, £23 5s.; No. 3 half-white, £20; No. 4 half-white, £18 per ton, drums and barrels free, ex wharf. SOLVENT NAPHTHAS are quoted by makers at steady rates, with the market fairly active: 90 to 160, 1s. 2½d.; heavy 90 to 190, 1s. 0½d. to 1s. 1d. per gallon, naked at works. PETROLEUM JELLIES are slightly easier, with the market quiet: white to snow-white, £36 to £45 10s.; amber and yellow, £18 to £22; dark stiff green, £10 12s. 6d. per ton, barrels free, ex wharf. LUBRICATING OILS continue unsteady and in slow demand, with prices easy; cylinder oils are cheaper: spot, pales, £9 12s. 6d. to £21; reds, £11 to £21; dark cylinders, £11 5s. to £24; filtered cylinders, £17 17s. 6d. to £26 5s. per ton, less 2½ per cent.

Australian Cream of Tartar

FOR some years Australian factories have been producing cream of tartar, and they now claim (says "The Chemist and Druggist" of Australasia) that they will be able to supply the Australian market with its full requirements. Wholesale merchants explained recently that imported cream of tartar was sold freely to retail distributors, as it was preferred by the general public to the Australian product. The wholesale distributing price of Australian cream of tartar was 1s. 5½d. a lb. The wholesale price of imported cream of tartar has been increased to 1s. 9d. a lb. in order to cover the increase in duty.

Java Citronella Oil

THE exports of citronella oil from Java, in tons of 1,000 kg., amounted to 61 tons during May. The figures given by the N.V. Handel-Maatschappij "Stille Zuidzee," Amsterdam, are now as follows:—

——	1926	1927	1928	1929	1930
	Tons	Tons	Tons	Tons	Tons
January	104	107	104	67½	57
February	100	135	98	72	61
March	118	100	81	107	63
April	105	90	114	82½	73
May	73	90	184	121	61
Total, Jan.-May.	500	522	581	450	315
June	95	132	109	43	—
July	110	94	78	80	—
August	81	88	77	77	—
September	95	141	58	66	—
October	108	96	91	54	—
November	93	122	77	41	—
December	100	117	72	53	—
Total, Jan.-Dec...	1,182	1,312	1,143	864	—

Rose Culture in Bulgaria

AS all over the world steps are taken to reorganise and rationalise industry, commerce and agriculture, so in Bulgaria measures are being taken to improve the rose culture. Recently, under the chairmanship of the Minister of Agriculture, a conference was held at Kazanlik with this object in view. In connection with this meeting, Mr. K. Gheorghieff, director of the State experimental fields at Kazanlik, delivered a lecture on the subject, and the following recommendations were made:—

1. To continue the measures taken against the most dangerous enemy of the roses, the grub *Agrillus*, whose devastations have brought the roses to a lamentable state;
2. To combat the rust which decreases the yield of the roses from 50 to 60 per cent.;
3. Better tillage of the roses by: (*a*) manuring. (*b*) spraying the roses early in winter and spring; once before the crop and once or twice after the crop, so that the leaves may not fall early, and
4. Planting rose gardens in future only with healthy well-rooted cuttings taken from the State experimental fields, which are to be opened in different places in the Valley of Roses, from where the cultivators will take them. It is hoped that if these recommendations are put into practice there will be a better yield per dekar of rose flowers and consequently better crops. No doubt a low price for the rose flowers and lower prices for otto of roses are to be expected in future.

BIG BRITISH WHALING CATCH.—Wireless reports received from the Antarctic on October 21 announce that a catch of whales producing 11,000 barrels of oil valued at over £45,800, has been made by the Anglo-Norwegian Holdings fleet, the largest British Empire unit in the whaling industry, for the first week of the 1930-31 season, ended October 19. Successful experiments are being made for the first time with an electrical harpoon which electrocutes the whale on contact.

Correspondence

Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

Health Insurance Matters

SIR,—"Nationalite" (11/9) can rest assured that no good will come of National Insurance or national medical services until the chemists are of one opinion, and in a position of unity to express that opinion. It may be when we are all members of the Pharmaceutical Society, or even a trade association like the R.P.U. In any case, the position is no good at present, and it is a sign of weakness to continue in it. Personally, I have found my business benefited when I dropped insurance dispensing, and the time I get in the rush hours to give personal attention to cash-spending customers is ample compensation for the loss of the threepenny bottle. If there is any sign at all of good-class customers in the district, it pays to cultivate them and drop N.H.I. like a hot brick. The saving in capital is also noticeable when one has to buy, say, a gross of 1-lb. malt and oil of good quality instead of half gross of bottles and three gross of nasty cardboard containers.

Yours truly,

NON-PANEL (20/10).

SIR,—The address of Mrs. Irvine to the South-West London Association (*C. & D.*, October 11, p. 463) will be read with interest by those pharmacists, who, like myself, have been "on the panel" from the start. Her remarks on the old club doctors and their arrangements with chemists to do the dispensing at a low rate remind me that in one berth I was in some years before the Insurance Act was thought of, such dispensing was done for several doctors on the basis of a penny an ounce and a penny the bottle, but there was a saving clause that no drug was to be prescribed costing over a stated figure, and if any were they were charged up separately. At that time I knew a doctor who ran a sixpenny dispensary (advice and physic 6d., bring your own bottle); and I have often watched him dispensing. He had no dispensing or other scales, no measures, and not more than a dozen or so bottles of drugs. The question of the prosperity of chemists being due to their contract for supplying medicines and appliances under the N.H.I. scheme is a debatable one; £1,922,800 sounds a terrible lot of money, but as the price to be paid to chemists for the drugs they supply is fixed by the tariff at net cost, nearly half this amount is merely collected by the chemists for the wholesalers. This leaves roughly between £900,000 and £1,000,000, not as payment for professional services, but as the gross amount out of which the chemist pays all the expenses in connection with the distribution of the medicines and provides the premises in which to do it, and what is left, if any, which is again a very debatable point, is his professional fee. I believe the average is £100 a shop per annum, or £2 a week; somehow or other the figures do not seem so wonderful when reduced to individual cases. One thing is quite certain, that if any of the organised bodies of workers, whose servants the panel chemists are, were asked by their employers to work for the hours or the pay which the chemists have to on this service, the Government would be faced with another general strike within a week. In this respect I would refer your readers to the excellent article by M. Pattou, of Brussels, appearing in the same issue (p. 456), and dealing with this very point, in which he notes that the syndicalists in Belgium adhere to the cost-of-living index figure as a basis for their own salaries and refuse to accept it when applied to pharmacists. Neither do I accept the view that the Insurance work can be regarded as having an advertising value; many times I have seen people get as far as the doorstep, look in, and seeing, as they think, the shop full, walk away again. May I extend my sympathy to Mrs. Irvine on her trials as a pricing officer? Many of the things she instances should never be, and I can assure her that there is one panel chemist who does his best not to offend, by going through the scripts at the end of the day to see that they are in order. I am glad to see that Mrs. Irvine hands on two bouquets to chemists.—Yours faithfully,

PANELITE (20/10).

SIR,—I write to express my appreciation of the address given by Mrs. Irvine to the South-West London Chemists' Association and published in THE CHEMIST AND DRUGGIST on October 11. I think this address should be read, and read carefully, by every chemist on the panel, as the information contained therein should be valuable to any chemist doing panel work. I entirely agree with Mrs. Irvine where she points out the material advantage that N.H.I. dispensing has been, and is, to a very large number of retail chemists. The figures £20,712,800, paid to chemists since the inception of the Act to the end of 1929, even made me stagger; and I am certain that if the chemists, here and there, who grumble at the petty worries of the service, and say it is not worth doing, were to ponder over these figures for only a few minutes, they could not help but admit that the service has been a very material help to a very large number of retail chemists, and to pharmacy generally. Mrs. Irvine's advice as to how the chemist can help matters by carefully marking on prescriptions any out-of-pocket expenses incurred is really sound, as I am sure many dispensers fail to do this, with loss to themselves or to their employers. This part of the address, and the one dealing with how the chemist can help the Pricing Office, might well be cut out and pasted on a bit of board, and hung up in every dispensing department doing N.H.I. dispensing. It was news to me that some chemists write caustic remarks on N.H.I. scripts in reference to the service. Queer folk such chemists must be, and I think it very bad taste. In this connection, a very amusing instance of this kind of queerness came before my notice some time ago. We had a prescription to dispense, at the foot of which was written "Ora pro nobis." Knowing the doctor, the first time I saw him afterwards I asked him why he suggested an appeal to the Deity in this way. He said that an exceptionally cantankerous patient had provoked him to write what he had written, so even doctors have their trials, and give expression to them in curious ways. In London, and probably many other busy centres, it is well known that between the hours of 7 p.m. and 8 p.m. many chemists receive more prescriptions than they can, without very undue pressure, dispense; and it is pretty obvious that a very large proportion of these could, without inconvenience to anyone, well be left over until next morning. It would be to the benefit of the service if patients could be educated to leave these non-urgent prescriptions to be called for next morning, say at 10 or 10.30. Could not something be done officially to advise patients to do this? If a small circular were printed and given by doctors and chemists to patients, pointing out these points, some at least would take notice of them, and in time owners of panel prescriptions might be educated to be as reasonable in their demands as owners of private prescriptions are. It is my experience, and I believe a common experience, that patients with private prescriptions are, almost without exception, willing to give a reasonable time for their medicine to be dispensed. Anything that would improve the service should be the joint aim of doctor, chemist and patient. "Give and take" would work here as in many other things, and would surely ultimately result to the good of all parties concerned. Again expressing my appreciation of Mrs. Irvine's address

Yours faithfully,

J. MILNER.

Greenwich, S.E.10.

Pharmacy Week

SIR,—I think we are making a rod for our own backs. I strongly urge that chemists wipe the word "pharmacy" out altogether; drug stores and unqualified re-

tailers are calling their stores pharmacies, and signs of elaborate design are being placed outside their places of business, trying to persuade the public that they are chemists. I say, now that the word "pharmacy" can be used by any unqualified man who wishes to describe his place of business as such, that chemists should not display the word "pharmacy" at all, and I suggest that next year the word "chemist" takes the place. In fact, since the word "pharmacy" can be used by anyone unqualified, I suggest that chemists use the word "chemist" instead of "pharmacist," as the words "pharmacy" and "pharmacist" are so much alike, and try to educate the public so that the word "pharmacy" stands for nothing.—Your faithfully,

D. G. DOUTHWAITE, M.P.S.

Coventry.

Corrections

SIR,—I shall be obliged if you will kindly correct a statement made in the report of the meeting of the Pharmaceutical Society of Northern Ireland on page 481 of your issue of October 18. I am reported as having said that I did not see the necessity for a Central Committee. This is altogether wrong. I said that I did not see the necessity for so much talk about a Committee, as we had one in existence which had been recognised by the Ministry of Labour.

Yours faithfully,

JOHN ADAMS.

Ballyhackamore, Belfast.

SIR,—In your issue of October 18 reporting the discussion at the annual meeting of the Pharmaceutical Society of Northern Ireland, I am given as stating that in connection with N.H.I. the doctors were paying 4d. per head of expenses. What I actually said was, "up to 1d. per head of insured population," which is correct. Committees having a judicial function (i.e., hearing complaints) will have expenses paid by Government, but purely professional committees, whether medical or pharmaceutical, must be provided for by the interests concerned.—Yours faithfully,

J. CARROLL CULBERT.

Connswater, Belfast.

Gift Schemes

SIR,—Since the new . . . were introduced I have sold quite a number of them, and have been looking forward to a good sale at Christmas; but that is all knocked on the head now, as I am going to start giving them away. In order to satisfy our customers we are forced to take up some of these free gift schemes, but we can retaliate after the scheme is finished if only we would get together, and could soon make the various manufacturers realise that our wishes deserve some attention. . . . We're a lot of fools to put up with this sort of treatment when the display of a little backbone would soon alter it. Perhaps letters of protest to the various makers from local branches of the Society and local Associations would do some good. . . If only we would pool our vertebræ we could soon make these firms realise that their sales depend to a great extent on our goodwill.—We've done it once—let's do it again.

Yours faithfully,

W. A. FINDLAY.

Newport, Mon.

SIR,—I have just read "Castania's" letter which appeared in your issue of October 4 (p. 439). As to his argument about free puffs with face powder—and this obviously refers to Swan Down, a line for which my firm are distributors—we think he has overlooked the following points:—

(1) Giving away a puff is equal to a reduction in price, and therefore gives the chemist his full 50 per cent. profit on the value of the puff.

(2) The position of the chemist is improved, inasmuch as he, buying in small quantities, cannot sell these puffs under 6d. or 9d. each. . . .

The advantage in making a gift of a puff instead of reducing the price is that it gives the proprietor the option of leaving the price at 1s. when the gift scheme is discontinued, and to put the money which is saved into advertising, which must automatically be a benefit to the chemist on a line which is sold only through the chemists' trade. Another point in the argument is: if compact powder is sold with puffs, why should puffs not be sold with loose powder also? Indeed, in the Eastern markets, the most popular lines are those which have puffs included in the boxes.—Yours faithfully,

London, E.C.3. L. W. DODDS.

Public Services

SIR,—The public services are to a great extent bolstered up by a system of something for nothing. Thousands of health and school-visiting nurses and hundreds of medical men are obtaining and retaining soft jobs, riding on the back of the chemist, by giving away and retailing at cost price, or under, the goods the chemist is entitled to sell. If it were not for this wholesale giving, the clinics for child and mother welfare would cease to function in areas where people can afford to pay for professional service; then public authorities could carry on good, necessary and economical professional work in districts essentially suited to their labours. Let me say straight away that local bodies seek powers to do this or that from the Ministry of Health, or the Ministry of Health suggest to local authorities what they should do. This is all done without the legislative authority of Parliament, and much must be illegal if put to the test. Let us take a particular Northern city. The legal authority to relieve destitution, the relieving officer (and his parish doctor for health purposes), gives in money, kind and medical services, including such preparations as malt and oil. . . . Yet these people, supposed to have got the maximum of what the city can afford, are invited to health centres where they can further augment their foodstuffs and dried milk . . . ointments, medicines and surgical requirements up to sometimes 15s. worth per week. Many may not take great exception to this class of service in respect to the destitute, but surely there should be co-ordination, and the correct person to give should be the relieving officer, who knows the circumstances. There is little inquiry by the clinic people, who work entirely separately from the relief departments. We come now to those in work; whether they belong to the working classes or the middle classes, they are encouraged by a staff of nearly seventy visiting nurses and a dozen doctors to take advantage of the health centres, the attraction being that they can have all they want for nothing or at little cost. The mother is sometimes asked what is her husband's position, and according to her answer so is the charge (or no charge) made. The whole scheme of health clinics obviously maintained by giving something for nothing gets the women there, afternoon teas with a little talk on baby welfare, etc. I have even had a health visitor call at my house, and a friend relates how his day maid, on being asked if she had breakfasted, replied, "I have had a cup of ——, mother gets it at the clinic." . . . In the schools, when a child is out of sorts, say a little skin rash, the teacher says, "Go to the clinic." Again free treatment, all at the expense of the ratepayer, and loss to the chemist, who is forced to subscribe through rates towards his own destruction. Let it not be forgotten that the greater number of medical officers, whilst taking large salaries out of the rates, carry on private practice. This is the open door to abuse. In this city they are giving a try-out to a permanent medical man to replace a parish medical officer, and in its first year the extra drugs total over £300 at wholesale prices, not forgetting that he costs the city £400 more than the parish doctor. If the whole of the parish doctors are replaced, the loss to chemists' turnover in this city at retail prices will be approaching £10,000 per annum, and we go merrily on in the melting pot of public service. Have we no leaders to stem the tide flowing against our calling? I appeal to every association to get going and demand that a deputation be received by the local health committee, and by sensible argument prove the injustice which is being done to a most necessary section of the ratepaying community, and do it now.

I am, etc.,

Newcastle-on-Tyne. T. R. MILBURN.

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. H. (1/98).—FUMIGATING CANDLES.—The following recipes are given in the latest edition of "Pharmaceutical Formulas":—

I

Benzoin Candles, Candelæ Benzoes.
Dieterich's Formula.

Lime tree charcoal powder	500	gm.
Moisten with a solution of		
Potassium nitrate	80	gm.
Water	600	gm.
Dry and mix with		
Benzoin powder	400	gm.
Tragacanth	20	gm.
Coumarin	0.2	gm.

And a sufficiency of tragacanth mucilage made with 2-per-cent. solution of saltpetre.

Made into candles and painted if necessary with gold bronze.

II

Carbolic Candles, Candelæ Carbolisatæ.
For burning in sick-rooms.

Lime tree charcoal	830	gm.
Potassium nitrate	50	gm.
Dissolved in 1,000 gm. of distilled water		
Powdered tragacanth	20	gm.
Carbolic acid	100	gm.
Wintergreen oil	1	gm.
Coumarin	0.5	gm.

Mix the charcoal with the saltpetre solution, dry and powder. Then add the carbolic acid and wintergreen oil and sufficient tragacanth mucilage in which 2 per cent. of potassium nitrate has been dissolved to form a coherent mass. The finished candles may be painted with silver bronze.

H. C. (7/10).—SLIMMING PASTE.—The following formula may possibly meet your requirements:—Lanolin, 50 grams; vaseline, 50 grams; tincture of benzoin, 20 drops. Mixed with water in which 10 grams of potassium iodide has been dissolved.

A. W. (22/88).—DEPOSIT IN INK.—Your trouble is probably due to the fact that bought Prussian blue, being dry, requires far more oxalic acid to dissolve it than it would do had it not been allowed to dry. The result is an ink costing much more to make, and, owing to the large excess of acid which it contains, attacking steel nibs vigorously. To prepare the purchased pigment for solution it is mixed with its own weight of concentrated sulphuric acid and left for twenty-four to thirty-six hours in it. The whole lot is then poured into a large excess of water, and the precipitate washed with water by decantation until the wash waters give no blue coloration with a solution of potassium ferrocyanide, and are therefore free from iron. The precipitate is then ground up while wet with oxalic acid. Under these circumstances the oxalic acid will dissolve six times its own weight of Prussian blue, or eighteen times as much as it will dissolve of the dry commercial pigment. The blue inks that deserve most attention are the solutions of water-soluble blue aniline dye and indigo carmine. They are the most deeply coloured, and penetrate so deeply into the paper that they are difficult to efface. Formulas are as follows:—

Indigo-Blue Ink

Indigo carmine	10
Gum acacia	5
Water	50-100

Dissolve the gum in water and then the indigo carmine, and add more water until the writing is of the proper colour.

Aniline-Blue Ink

Aniline blue	10
Alcohol	40
Gum acacia	20
Water	500

The dye is dissolved in the alcohol and the gum in the water, and the two solutions are mixed.

J. E. E. (11/10).—BATH CRYSTALS.—See *C. & D. Diary*, 1930, p. 279.

A. E. F. (14/8).—WINDSCREEN PREPARATION.—This is a sherry-coloured liquid of specific gravity 0.862, consisting essentially of methylated spirit (one gal.), glycerin (one pint), with a small quantity of a creosote-like body to give it a characteristic odour.

Legal Queries

J. N. (20/10).—The inclusion of the word "chilblain" in the title renders the article liable to medicine-stamp duty since the label does not comply with the conditions regarding the sale unstamped of "known, admitted and approved" remedies. (*See C. & D.*, March 8, 1930, p. 300.)

H. W. N. (3/9) is engaged as the qualified manager of a pharmacy at a salary of £4 10s. a week. Is he liable to be insured under the National Health and the Unemployment Insurance schemes? If so, is there any way in which he can avoid the obligation to pay contributions? [As "H. W. N.'s" salary does not exceed £250 a year he must be insured under both schemes. Exemption might be granted to him if he is in receipt of an independent income of not less than £26 a year; but even in that event his employer's contributions would still be payable.]

H. D. T. (18/9) has during the past seventeen years occupied a house, four windows of which overlook the next door property. His neighbour now proposes to erect boards on his own land so as to obstruct the light coming to "H. D. T.'s" windows. Can he be prevented from doing so? ["H. D. T." has no redress unless he and his predecessors in title have occupied the house for at least twenty years, and throughout that time have enjoyed an uninterrupted flow of light and air to the windows. If a right to light has been acquired in this way "H. D. T." can bring an action for an injunction and damages against his neighbour should he build on his land in such a way as seriously to diminish the amount of light previously coming to "H. D. T.'s" windows.]

P. C. (11/8).—Tobacco snuff mixed with menthol in the proportions you suggest cannot lawfully be sold. The general rules as to the mixture of foreign materials with snuff in manufacture are:—No material other than water, or the carbonates, chlorides, or sulphates of potassium or sodium or ammonium carbonate or essential oil for flavouring may be used. Lime water may be used in Welsh or Irish snuff, and the authorities take no objection to the addition of tonquin beans to not more than 3 per cent., or of orris root to not more than 2 per cent. Magnesia or its salts must not be added to snuff; and it is an offence for a vendor to have in his possession snuff containing more than 13 per cent. of lime or magnesia, or both, or snuff containing more than 26 per cent. of the carbonates, chlorides, or sulphates of potassium or sodium, and the carbonate of ammonium.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," October 15, 1880

Elementary Physiology

The National Health Society has been advocating the teaching of physiology in the Board Schools of the Metropolis, and an examination of girls for prizes offered by the Society was held a month or two back. The examination was attended by 215 girls from 11 schools. . . . Specimens of the results attained are not very encouraging. . . . One girl, probably of genteel tendencies, roundly declares that "all mechanical work is injurious to health." One describes the heart as "a *comical*-shaped bag," and another refers to its *petitions* and to its right and left *artillary;* another tells of the *derby* and the *eppederby*. The *elementary* canal, of course, appears in the answers, and the reduction of food into a *plump*, as one child describes it, is commenced by a process variously referred to as *shewing, schewing* and *jewing*.

Owing to pressure on space, this week's instalment of the C. & D. Commercial Compendium is held over.

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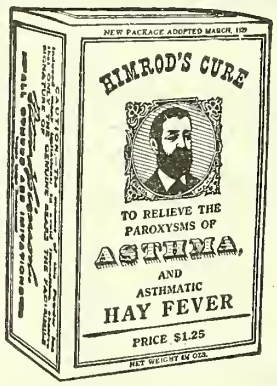

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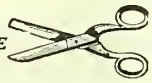
TRADE  *MARK*

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10½d. size, 8/6 per doz.
1/3 „ 12/- „
3/- „ 27/- „
Less 5% dis. on £6 orders.
Carriage paid on orders of £2 and over.

Prices 10½d., 1s. 3d. and 3s.

MANDALL & CO. Ltd., 17/23 Stepney Rd., Newcastle-on-Tyne.
LIVERPOOL BRANCH: 130/132 RICE LANE, LIVERPOOL (Telephone: 59 Walton).
Distributing Depot for Lancashire and Cheshire.

BLACK BEAUTIES!

ANTISEPTIC THROAT PASTILLES

1 lb. - 3/- (tins free)
4 lbs. - 2/10 „ „
7 lbs. - 2/9 „ „
14 lbs. - 2/8 „ „

Also in 5 lb. Jars, charged 1/3 returnable

Specially printed parchment bags with showcard supplied free.

EVANS, SONS, LESCHER & WEBB, LTD.
LIVERPOOL DUBLIN LONDON

The Profit's the thing

A steady profit is assured if you stock

CONSTIPON

The demand is good, and sales are increasing daily.

TABLETS per box 3d., 6d. & 1/-

Stocked by Scottish Wholesale Druggists.

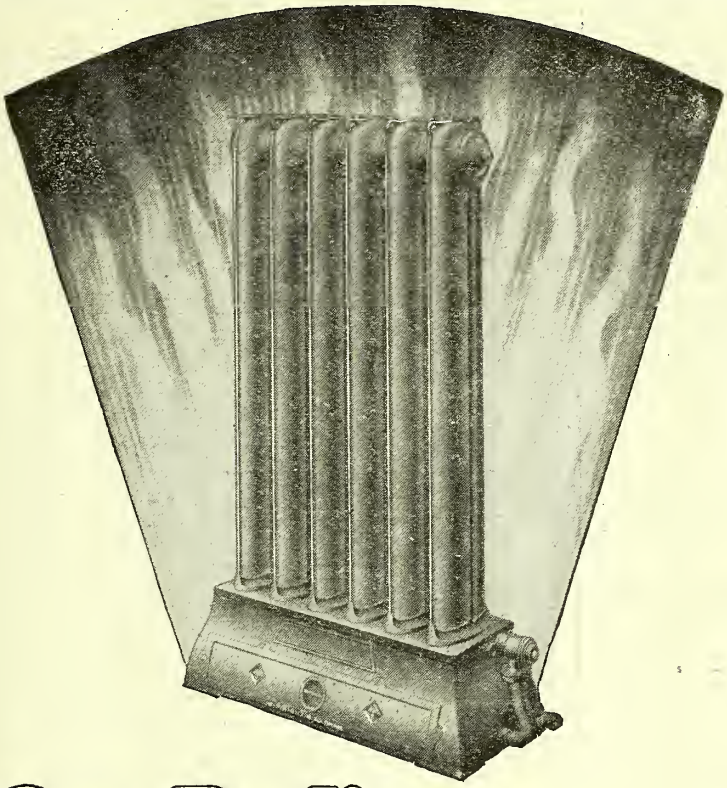
CONSTIPON
65 West Regent Street, Glasgow.

Wholesale Prices

1/3 Size
11/6 per dozen net
3/- Size
27/6 per dozen net

Carriage Paid Gross Quantities or equivalent.

Manufactured only by
J. F. WHITE & CO., Chemists
BENSON STREET, LEEDS.



Gas Radiators

for economical Heating

WRIGHT'S "Regulo"-controlled Gas Radiators are suitable for heating shops, showrooms, and stockrooms.

"Regulo"-controlled to maintain an even temperature under all circumstances and at the same time to avoid wastage of gas, these radiators are made in a number of sizes and can be supplied in black, mahogany or old-gold finishes.

WRIGHT'S GAS RADIATORS

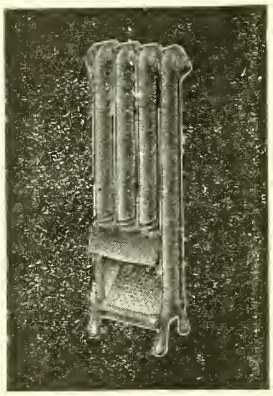
A new edition of the booklet, "Loops of Heat," is now available.

"REGULO"-CONTROLLED

SEE THEM AT THE GAS COMPANY'S SHOWROOMS

The "ST. VINCENT." "Regulo"-Controlled.
For Theatres, Cinemas, Public Halls, etc.

The "ST. MARTIN." "Regulo"-Controlled.
For Shops, Churches, Schools, Corridors, etc. Approved by the London County Council.



The "ST. BERNARD." Governor-Controlled.
For Private Houses, Shops, Corridors, etc.

JOHN WRIGHT & CO., "CR." DEPT., ESSEX WORKS, ASTON, BIRMINGHAM. (RADIATION, LTD., PROPRIETORS.)

For OVER 75 YEARS

Dr. J. Collis Browne's CHLORODYNE

has maintained a

WORLD-WIDE REPUTATION

TO-DAY'S DEMAND BEING GREATER THAN EVER.

ARE YOU GETTING YOUR SHARE OF THIS INCREASE ?

Be sure you hold stocks to meet the demand and remember that

Dr. J. Collis Browne's CHLORODYNE

IS ONLY SOLD THROUGH CHEMISTS

SIZES 1/3, 3/-

Order from your Wholesaler with other goods.

SOLE PROPRIETORS:
J. T. DAVENPORT Ltd.
UNION STREET, S.E. 1.

BRANDRETH'S PILLS ensure steady, profitable sales, and have been famous amongst the Medical Profession since 1759 for their excellent formula.

U/C Wholesale 9/-. Retail 1/2.
S/C Wholesale 11/-. Retail 1/3.

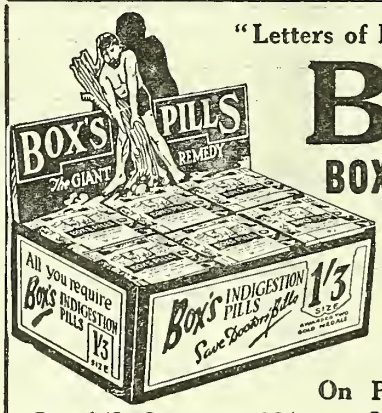
Big Profits with

Recommend them always when asked for a laxative.

BRANDRETH'S PILLS

ALLCOCK MANUFACTURING CO., BIRKENHEAD.

"Letters of Mark"—



B.P.

BOX'S PILLS

for the British Public

per the British Pharmacist

On P.A.T.A. LIST

In 1/3, 3/-, 5/-, 12/- and 22/- boxes

Box's Pills have a special public of their own—many of whom have had to go considerable distances to obtain their favourite medicine, or to order from Plymouth, for lack of a local source of supply. Pharmacists are now co-operating in distribution of Box's Pills in increasing numbers, and healthy local demand is developing. Stock them and show them and you will sell them. Display outers and other attractive show material free on application.

Obtainable from Wholesalers, or direct from the proprietor

W. H. BOX

GIANT PILL MANUFACTORY 161 King St., PLYMOUTH

Telegraphic Address: "GIANT," PLYMOUTH.

QUICKLY BECOMING A BEST SELLER!

Also packed in cartons of one dozen tablets.

Since GERMOLENE (Medicated) TOILET SOAP was reduced in price to

6d. per Tablet

it is quickly establishing itself as one of the BEST SELLERS in the Drug Trade. Sales are steadily increasing week by week as a result of the national advertising campaign being conducted on behalf of this line.

Also

GERMOLENE (Medicated) SHAVING SOAP

at 6d. per Stick

This is a shaving soap of superfine quality; in fact, it combines shaving soap, skin tonic and after-shaving lotion in one.

Order supplies through your Wholesaler direct from

The BEECHAM-VENO CENTRAL DISTRIBUTING DEPOT,
Chester Road - MANCHESTER

Germolene (MEDICATED) TOILET SOAP

For OVER 75 YEARS

Dr. J. Collis Browne's CHLORODYNE

has maintained a

WORLD-WIDE REPUTATION

TO-DAY'S DEMAND BEING GREATER THAN EVER.

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SIZES 1/3, 3/-

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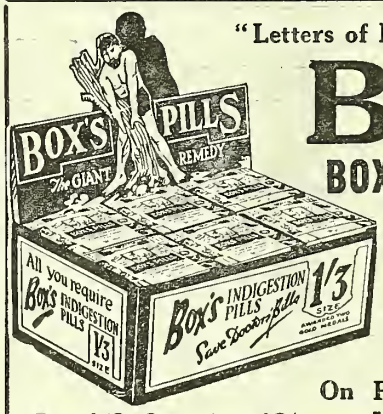

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Order supplies through your Wholesaler direct from

The BEECHAM-VENO CENTRAL DISTRIBUTING DEPOT,
Chester Road - MANCHESTER

Germolene (MEDICATED) TOILET SOAP

SPRAY YOUR own shop with "ZOFLORA"

PERFUME DISINFECTANT

the perfume of it is so delightful that your customers will become curious to know what you have used . . . after that a sale should be easy . . . and very profitable

Packed in Bottles
1/6 — 6/- — 11/-

SHOWCARDS SUPPLIED WITH EACH ORDER

Thornton & Ross, Ltd.
Manufacturing Chemists
Milnsbridge, HUDDERSFIELD
Phone: 179 Milnsbridge.

Write For Generous Trade Terms

EVERY WINTER BRINGS AN INCREASE in the demand for Snowfire

It's a case of one customer making many, where the Snowfire Tablet is concerned. This magic little tablet is a real friend to the skin in winter, soothing chapped hands, making work-roughened hands smooth and white again, softening dry, cracked lips. And the Snowfire Tablet is always so well advertised, too. Display it prominently this winter—brisk sales and good profits will result.

Snowfire TABLET

Made by: F. W. HAMPSHIRE & CO. (1927) LTD.
Sunnydale Works, Derby.

AGENTS: India: Messrs. Siqueira & Son, 121 Fort St., Fort, Bombay.
Australia: Messrs. Salmon & Spraggon (Australia), Ltd. 218 Kent St., Sydney, N.S.W.
Canada: A. Whitchurch Little, 807 The Wilson Building, 60 Front St., West Toronto.
U.S.A.: F. W. Hampshire Corporation, 882 Harrison Avenue, Boston, Mass.

THE POPULAR REMEDY FOR ALL WINTER AILMENTS

Invaluable for COLDS, INFLUENZA, RHEUMATISM, NEURALGIA, etc. An absolutely harmless remedy with a rapidly growing sale. Extensively advertised in the daily papers and backed by thousands of valuable testimonials.

Sold in powders or tablets retailing at 1/3 and 3/-.

LIBERAL TERMS TO TRADE

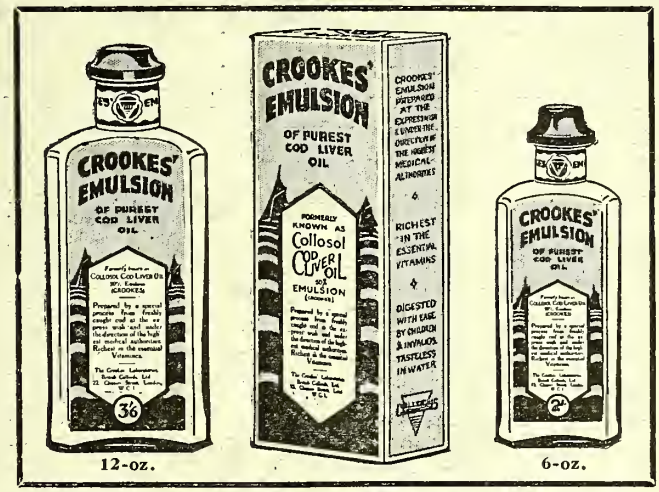
Cephos

Pronounced See-foss REGD

THE PHYSICIAN'S REMEDY

Cephos, Ltd., Blackburn.

CROOKES' EMULSION



12-oz. 6-oz.

50% Cod-liver Oil from Cod caught in British Waters.

A product for personal recommendation because it has the support of the highest medical authorities.

A product that enhances the reputation of the pharmacist.

Particulars on application.

THE CROOKES' LABORATORIES

(BRITISH COLLOIDS, LTD.),

22, Chenies Street, London, W.C.1.

Manufacturing Laboratories: PARK ROYAL, LONDON, N.W.

Telephone: Museum 3663—3697—5757. **Also BOMBAY & NEW YORK.** Telegrams: "Collosols, Westcent, London."

Export Distributing Agents:—**AYRTON, SAUNDERS & CO., LTD., Liverpool.**

CLARKE'S BLOOD MIXTURE & OTHER PREPARATIONS

Wholesale Prices.

	SIZES.	PRICE PER DOZEN
Clarke's Blood Mixture	3/- & 12/-	£1 : 7 : 0 & £5 : 8 : 0
,, Miraculous Salve	1/3, 3/- & 5/-	11/-, £1 : 7 : 0 & £2 : 4 : 6
,, Special Aperient Pills ..	1/3, 3/- & 5/-	11/-, £1 : 7 : 0 & £2 : 4 : 6
,, Patent Skin Lotion ..	1/3	11/-
,, Medicated Soap	1/-	9/-

Orders: Minimum quantity £16 : 4 : 0 value.
FREE CASES. Carriage paid upon orders of £100.

All Wholesale Houses keep a large stock of our Preparations and can supply smaller orders promptly

Minimum Retail Selling Prices: **1/-, 1/3, 3/-, 5/-** & **12/-** Face Value, giving a **PROFIT** of **33⅓%** on cost to Distributors.

An attractive Showcard and Dummies supplied on application

Trade Mark: "BLOOD MIXTURE." Regd. No. 3275.

Sole Proprietors:

THE LINCOLN & MIDLAND COUNTIES DRUG CO., LTD.

Park Street, LINCOLN.

Important Announcement

H. K. MULFORD COMPANY LTD.

We take pleasure in announcing that the above Company will hereafter be known as

SHARP & DOHME LTD.

This change of name is due to the amalgamation of the SHARP & DOHME COMPANY with the H. K. MULFORD COMPANY. We believe the fusion of these well-known firms will afford our many friends among the Medical and Pharmaceutical professions the same satisfaction as it affords us, *insomuch as while we shall continue to distribute the well-known Biological and Pharmaceutical Products manufactured by the H. K. MULFORD COMPANY we shall also manufacture and distribute the Pharmaceutical specialties of Messrs. SHARP & DOHME.*

The business of SHARP & DOHME, LTD., will still be conducted upon the professional basis as heretofore; by eliminating monopoly obtained by secret formula; by publishing formula on all labels, stating all medicinal ingredients and amounts thereof in each preparation, and by accurate statements in advertising.

Furthermore, the advantages which we shall derive from the combined research laboratories of the two Companies will enable us to participate in the improved processes, and methods of manufacture and standardisation, and discovery of new therapeutic agents.

SHARP & DOHME LTD.

in association with

H. K. MULFORD CO.

252 Regent Street (Oxford Circus), London, W.1. Tel.: Regent 2567

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SPECIALISTS IN

OINTMENT MANUFACTURE

OINTMENTS & CREAMS FOR ALL CLIMATES & PURPOSES
FROM ½-OZ. TINS—TO—TONS

Telephone: HOP 2422
Telegrams: "USHENSPUNA, LONDON."

ROBERT BLACKIE

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168 TOWER BRIDGE RD.,
LONDON, S.E.1

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POPULAR ucal RELIABLE

The Sign of Reliability

Sell & Recommend

"U.C.A.L."

"Safety First" Brand.

IODISED THROAT LOZENGES

A Perfect hand-made Lozenge.
Most attractively packed in tins and well-designed Show Outers.
Show matter that compels attention and sells the goods.

The Brand that gives you Extra Profit.

THE TRADE'S BEST SELLER.

ORDER YOUR SUPPLIES NOW.

8½d. Size:

COSTS - -	4/6 doz.
12 doz. - -	4/3 „

1/3 Size:

COSTS - -	7/6 doz.
3 doz. - -	7/- „

United Chemists' Association

LIMITED ('Phone 3021)

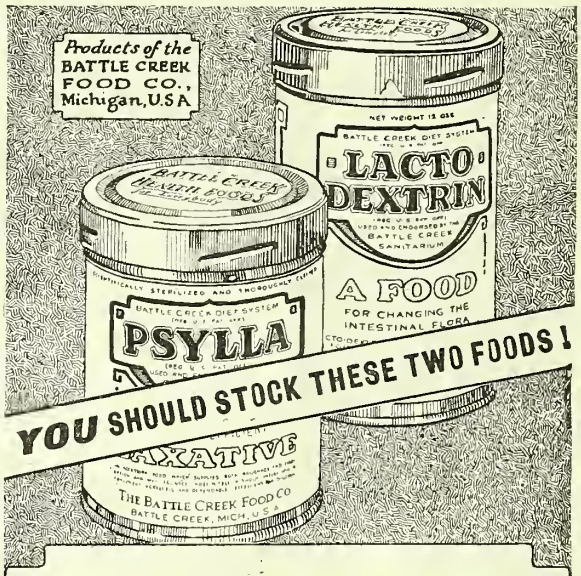
CHELTENHAM
and KEITH GROVE, LONDON, W.12.
Telephone: SHEPHERD'S BUSH 3437.

VIROL
and
Virolax
Last Week for Bonus

The 5% Bonus on Virol and Virolax (conditional on display of window bills) expires on the 31st October.

Please note that orders received after that date cannot participate.

VIROL LTD., HANGER LANE, EALING, W.5.



Lacto-Dextrin, a food for changing the intestinal flora, 12 oz. packings 4/-, 5 lbs. 22/-.—Psylla, intestinal vegetable lubricant, 10 oz. packings 4/-, 5 lbs. 24/-.—Both these foods are being regularly advertised to the Medical Profession throughout the year. Liberal discounts. Order through your wholesaler or write direct to:

Wholesale & Distributing Agents for United Kingdom & Irish Free State:

COATES & COOPER

41 GREAT TOWER ST., LONDON, E.C.3

Saint-Raphael

Tonic, Restorative, Digestive Wine.

Known throughout the World, and prescribed in all cases of ANÆMIA, DEBILITY, and CONVALESCENCE, to Young Women, Children and the Aged.

DOSE: One wine-glass after the two principal meals.

Recommended by—
PROF. BOUCHARDAT, Professor of Hygiene, Paris Faculty of Medicine.
DR. MACNAUGHTON JONES, London, England.

"For more than thirty years St. Raphaël Wine has been exclusively prescribed, with success, in the Paris hospitals as a pure tonic, by eminent physicians, such as Magendie Ros on Chomel, Velpeau, Requin, Monneret, Trousseau, Grisolle, Laënnec, &c."—*Union Medicale*, May 8 and June 12, 1873.

"The 'Vin de St. Raphaël' is often used for ladies nursing their own children; it is preferable to stout, which creates an unhealthy fat."—*The Lancet*, London, England.

"St. Raphaël Wine is most precious in all cases where it is necessary to give tone to the system, without effort or shock."—DR. C. DES BARRES.

Cie du VIN SAINT RAPHAEL, Valence, Drome, FRANCE.

To be obtained from all Wholesale Druggists.

New Unstamped SCOTT'S EMULSION for Sale on Prescription

Under the new dispensing concession and with the permission of the Commissioners of Customs and Excise, we are now supplying Scott's Emulsion unstamped for sale entire on a doctor's prescription. In accordance with our P. A. T. A. obligations we have fixed the minimum retail price at 4/- and 2/6 for the large and medium sizes respectively. Bought on our best terms at 32/9 and 20/9 per dozen this shows an increase of profit from 25% to 31% on turnover. Smaller quantities of unstamped Scott's Emulsion than those obtainable in unbroken cases may be ordered through your Wholesaler in the usual way.

SCOTT'S EMULSION

For steady sales this winter.

A SEASONABLE LINE

LIBERAL PROFIT. POPULAR PRICE.

KILLS THE GERM AND INSTANTLY EASES THE COUGH.
FROM ALL CHEMISTS.

14/- per dozen

Send for free sample to:

McCLURE, YOUNG & Co., Ltd.

MANUFACTURING CHEMISTS

Glentham Road - Barnes, S.W.13

HOME MADE BEER

from

MASON'S EXTRACT OF HERBS

THE NATIONAL BEVERAGE: SELLS FREELY EVERYWHERE

UNIQUE DISPLAY MATERIAL EASILY ARRANGED

Folder Showcard. Half-pint Mug. Imitation Bottle of Beer, &c.

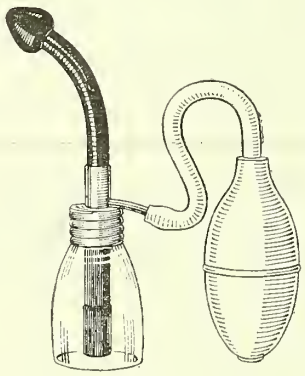
WINDOW SHOW ALLOWANCE WITH OPENING ORDER

Apply to NEWBALL & MASON, LTD., Nottingham, for particulars.

GOOD IT'S MASON'S

MEDICINAL SPRAYS *AND* NEBULIZERS

W.T. 77 BRAND



WRITE FOR PRICE LIST
OF A LARGE VARIETY OF PATTERNS

Stocked by

William Toogood
LIMITED
77 SOUTHWARK STREET
LONDON, S.E.1

REPEAT ORDERS EVERY POST
for the
LOCARNO MEDICATED TOILET ROLL

WHY!!!

BECAUSE it is ONLY OBTAINABLE FROM THE CHEMIST

CONTAINS 650 SHEETS PURE WHITE SULPHITE PAPER.
12 oz. ROLLS.

COSTS 3D. SELLS at 6D.

FREE DELIVERY.
PACKED IN CARTONS.
SAMPLE ROLL FREE.

Sole Manufacturers:
J. RUTHERFORD & Co.
LIMITED
VICTORIA PAPER MILLS
VICTORIA ROAD
HOLLOWAY, LONDON, N.7
Contractors to H.M. Government.

De Luxe
ART. SILK BANDAGES

"Crêpsyl" (WOVEN CRÊPE)
Dainty and ideal for understocking wear.

BANDAGES—widths 2in. to 4in. 1/8 to 3/4 ea.
BINDER—widths 4in. to 15in. 3/4 to 12/6 ea.

Beware of imitations and copies.
There is only one Crêpsyl Bandage, and only one Silvick. Passing off is illegal.

"Silvick" (WOVEN STOCKINETTE)
Ideal for Varicose Veins.
Bandages 2/- to 4/- ea.
Binders 4/- to 15/- ea.

ALL BINDERS REINFORCED TO PREVENT SAGGING. SAMPLE CUTTINGS FROM MAKERS.

H. W. LAKE LTD.
6 & 7 C.D. Redcross Street
LONDON, E.C.1

DISPLAY NORVIC Regd BLUE CARTON

and INCREASE your CRÊPE BANDAGE SALES

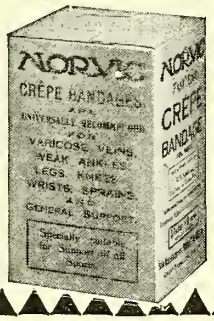
To show NORVIC Blue Carton Crêpe Bandages is to sell them. Customers recognise this thoroughly dependable line and are prompted to buy. Well advertised and highly recommended.

Full 33⅓% Profit P.A.T.A.

	Cost.	Sell.
2″	12/- doz.	1/6 each
2½″	15/3 „	1/11 „
3″	18/3 „	2/3 „
3½″	21/3 „	2/8 „
4″	24/3 „	3/- „

Stocked by all the leading wholesalers. Showcards free.

Sole Manufacturers:
Grout & Co., Ld., 35 Wood St., E.C.2.



PERKEN, SON & CO., LTD.

Established 1852.

Contractors to H.M. Government.

THE "MATER" CLINICAL REGD.

ALL TYPES OF CLINICAL AND OTHER THERMOMETERS

Price List on Application.

94 HATTON GARDEN, LONDON, E.C.1

Telephone: 0724 Holborn.
Telegrams: "Optimus, Smith, London."

SPECIAL LINES OF INTEREST TO KEEN BUYING CHEMISTS

GREASEPROOF BAGS.	UNWRAPPED SKILLETS.	SELECTED SET OF YELLOW LABELS.	DANGEROUS DRUG ACT REGISTER.	ASSORTED STRIPED WRAPPINGS.	GOOD QUALITY HIGHLY GLAZED DEMY.	TOILET ROLLS.
Size. Per 1,000 ¼ lb. - - **4/0** ½ „ - - **4/9** 1 „ - - **5/6** 2 „ - - **7/0**	Size. Per 1,000 1 oz. - - **7/9** 2 „ - - **8/6** 4 „ - - **9/6** 6 „ - - **10/6** 8 „ - - **11/6** 16 „ - - **16/6**	296 Medium Size. 40 Blanks. 222 Small Size. 42 Blanks. **10/-** per Set.	New Addition **7/6**	Helio, Brown, Green and Blue. 1 Ream **5/6** Per Ream *5 Reams @ **5/3** 10 Reams @ **5/-** *Cutting to any size at **10d.** per ream extra.	1571. 1 Ream **5/-** Per Ream *5 Reams @ **4/9** 10 Reams @ **4/6** *Cutting to any size at **10d.** per ream extra.	Per Gross First Quality **65/-** Second „ **46/-** Merico Crepe **30/-** Showcards supplied free.

Less 5% 1 month. Delivery per return. Paper, 5 Reams and over Carriage Paid. Other Lines postage free.

SUTTLEY & SILVERLOCK, LTD.

THE CHEMISTS' PRINTERS,

92, Blackfriars Road, London, S.E.1.

'PHONE: HOP 3474.

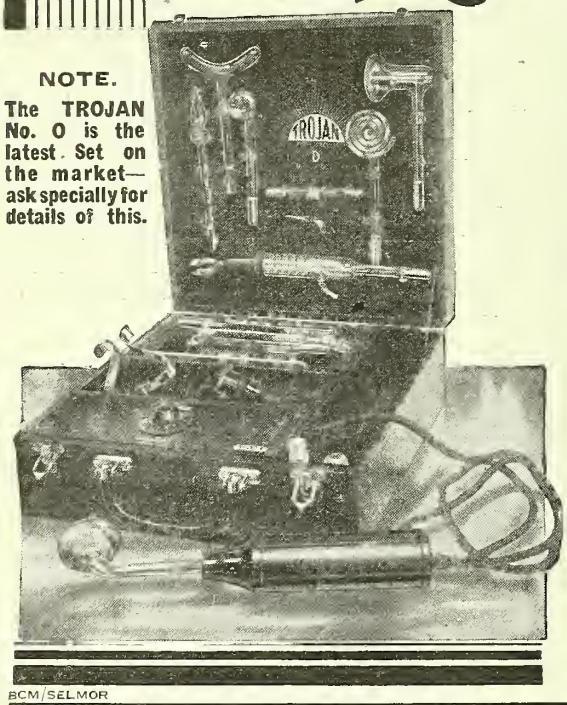
WE WELCOME YOUR ENQUIRIES FOR EVERY KIND OF CHEMISTS' PRINTING. SAMPLES SENT FREE.

SLIPS WITH ADDRESS, 2/6 per 1,000. XMAS HANDBILLS, 3,000 for 25/-.

WINTER LINES

SHOWCARDS, WINDOW BILLS, CARTONS AND LABELS IN STOCK.
WRITE FOR SPECIMENS.

INCREASE your sales with TROJAN H.F. Outfits



NOTE.
The TROJAN No. O is the latest Set on the market—ask specially for details of this.

Every enterprising Chemist who is anxious to give his customers every satisfaction and at the same time make profitable sales should stock the popular TROJAN H.F. Electrical Outfits.

Recommended by Health and Beauty Specialists they are absolutely dependable and can be easily operated by an entirely inexperienced person.

If you are not already selling TROJAN Outfits it would pay you to write us for full particulars of our Scheme for selling 20 Sets a week.

JOHN SHAW & SONS WOLVERHAMPTON LTD
(Established 1795)

Head Office and Works - - WOLVERHAMPTON
Telephone: Wolverhampton 1001.
Telegrams: "Shaw Wolverhampton."
London - - - - - 29 Shoe Lane, E.C.4
Telephone: Central 1814.
MANCHESTER - - 5 Orme Buildings, Parsonage
Telephone: Blackfriars 1365.

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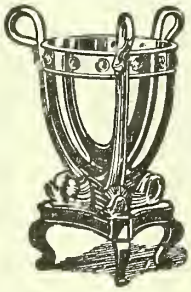

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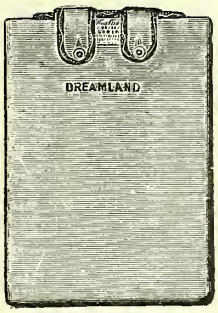

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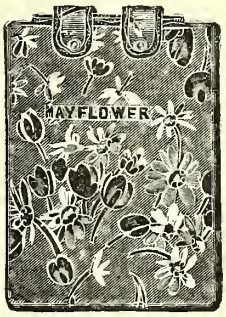

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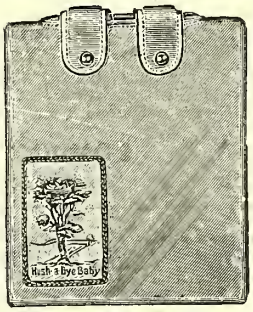

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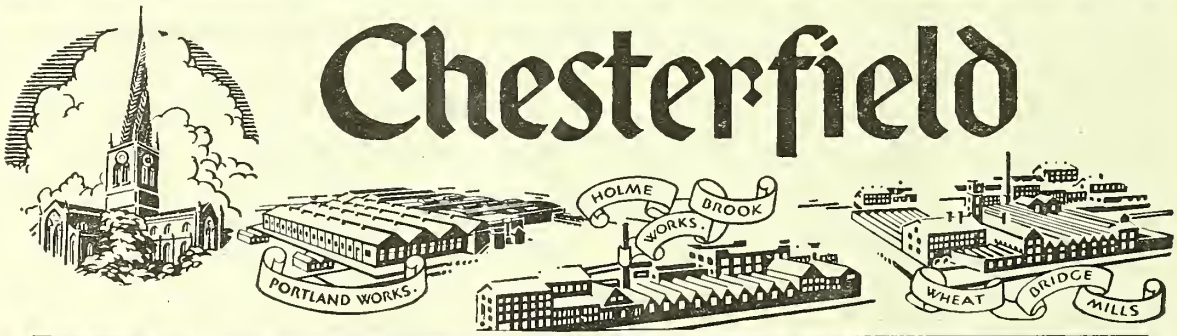

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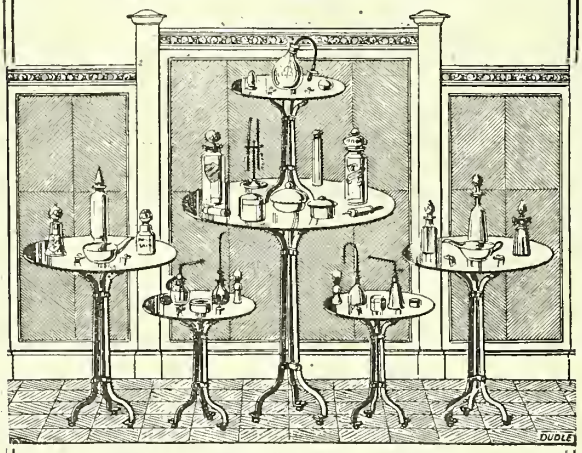

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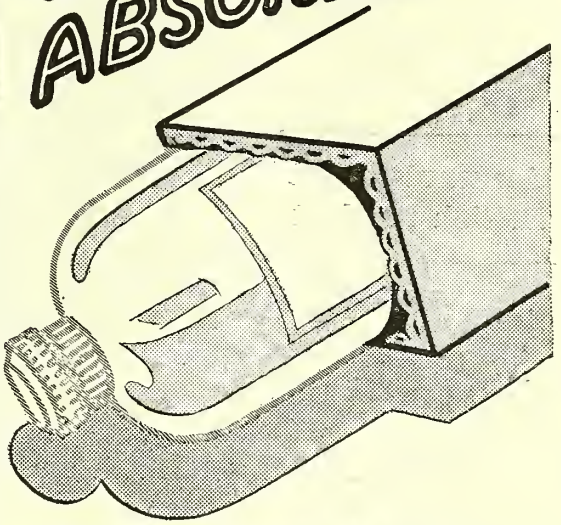

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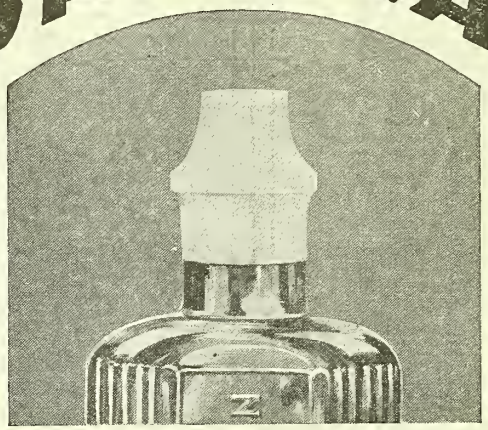

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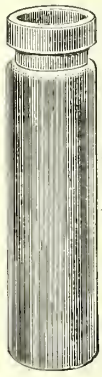

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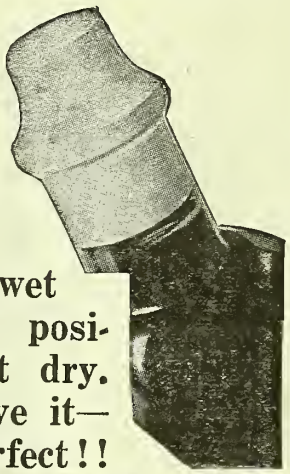

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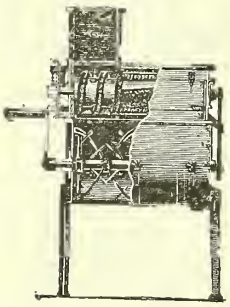

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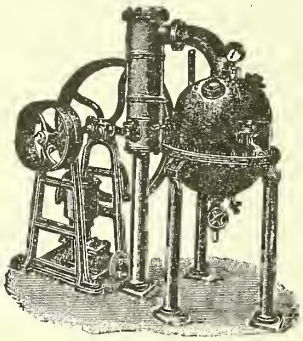

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New Window Display Conditions

Monthly Account. ***Carriage Paid.***

For a small Central Window Display of not less than 14 days and an order for £5 worth of Phosferine we allow a bonus of 10/6, on a £2 10 0 order 5/3.

This shows a net profit on the transaction to the Chemist of 35% besides attracting the passer-by to the window and considerably augmenting sales generally.

The above conditions apply only to the United Kingdom.

EXAMPLE.

		COST	SELLS FOR
3½ dozen 1/3 size at 12/- net	...	£2 2 0	£2 12 6
2 ,, 3/- ,, at 30/- ,,	...	3 0 0	3 12 0
		5 2 0	
Less 10/6 for Window Show	...	10 6	
		£4 11 6	£6 4 6

Showing a Net Profit of £1 13 0 on an outlay of £4 11 6.

Window Display Material Free and Carriage Paid.

WHOLESALE PRICES OF PHOSFERINE.

Carriage Paid.		*Monthly Account.*
1/3 size	...	12/- per doz. net.
3/- ,,	...	30/- ,, ,,
5/- ,,	...	48/- ,, ,,
12/- ,,	...	114/- ,, ,,

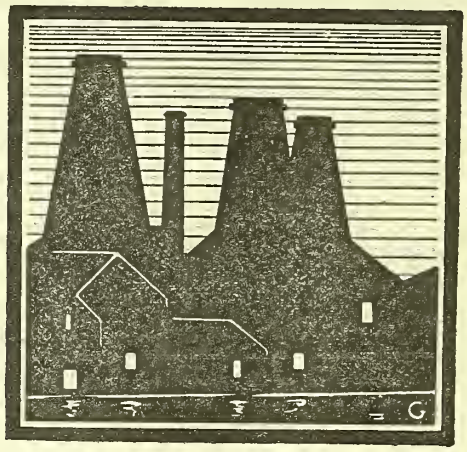
PROTECTED PRICES.

Phosferine and all of our Proprietary Medicines are supplied on the condition that they are not retailed in the United Kingdom under the following prices—viz., 1/3, 3/-, 5/-, and 12/-.

PHOSFERINE (ASHTON & PARSONS) Ltd., Ludgate Hill, LONDON, E.C.4.

Telephone No: CITY 8733. Telegraphic Address: "PHOSFERINE, CENT, LONDON."

IMPORTANT.—Every care is used in corking and packing Phosferine, but occasionally a leaky bottle will pass undetected. Any leaky or faulty bottle should be returned to PHOSFERINE (Ashton & Parsons), Ltd., Ludgate Hill, London, E.C.4, when a fresh supply will be sent and postage refunded.



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[78/30]

THE CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

OCTOBER 25, 1930

This Supplement is inserted in every copy of The Chemist & Druggist.

CHEMISTS' TRANSFERS.

Messrs. Orridge & Co., 56 Ludgate Hill, E.C.

Telephone No. : CITY 2283

May be consulted at their Offices on matters of Sale, Purchase and Valuation

1.—SURREY.—General Retail and Dispensing Business, with N.H.I. and Kodak Agency; returns exceed £2,300; have been over £2,500; scope for large increase; net profit £663; large main road premises; good living accommodation; vendor owns premises and wishes to sell same; price required for business, £1,300.

2.—LONDON, W.—Middle-class Business, with small Photographic; established many years; returns about £25 weekly, with net profit £400; double-fronted shop; large premises; rent £125, rising; there are two flats, which could be sublet at £100 per annum; price £850, or offer.

3.—LONDON, N.W.—Good-class Retail and Dispensing Business, with Kodak Agency; established many years and in present hands ten; returns last year exceeded £2,600; gross profit £934; double-fronted shop, well fitted and stocked; lease 25 years unexpired; ground rent £10 per annum; sublet £2 per week; further details on application; new lease will be granted or property may be purchased.

4.—LONDON, S.E.—General Retail and Dispensing Business, with Photographic; established about 1½ years; returns last year £1,750; gross profit 35 per cent.; returns increasing; double-fronted shop, well fitted and stocked; rent £125; lease has 19 years unexpired; price £1,150.

5.—EDGWARE.—Middle-class General Retail and Dispensing Business, with Kodak Agency and N.H.I. (£30 per month); returns present rate £200 per month, increasing; double-fronted shop, well fitted in oak and amply stocked; stock and fixtures estimated to be worth £1,000; house sub-let at £2 7s. 6d. weekly; price £1,500, or offer.

6.—CHELSEA.—Good-class Retail and Dispensing Business with Kodak Agency; established 20 years; returns £34 weekly, increasing rapidly; double-fronted shop, well fitted and stocked; rent £80; long lease; price £1,200, or valuation terms entertained.

7.—KENT (Suburban).—Medium-class Retail and Dispensing Business, with Kodak Agency; returns, present rate, £23 weekly; scope for increase; stock and fixtures worth about £500; rent £100; sublet £65; price £500, or valuation terms entertained.

8.—LINCS.—General Retail and Dispensing Business, with Kodak Agency; established a century; returns approximately £2,600 per annum; net profit about £700; estimated value of stock and fixtures £1,200; large house with side entrance; lease 20 years unexpired; price £1,700, or offer.

9.—HAMPSHIRE.—General Retail Business, with Kodak Agency; returns last year £1,450, present rate slightly less; scope for large increase under energetic management; lease will be granted, or premises may be purchased; price for business £1,000, or valuation terms entertained.

10.—LINCOLN.—Light Retail and Dispensing Business; returns last year £1,427, present rate less; corner shop; stock and fixtures worth £750; rent £65 per annum; held on lease; price £750, or valuation terms entertained.

11.—GLAMORGAN.—General Retail and Dispensing Business, with N.H.I. and Wine Licence; returns average over £2,000 per annum, with gross profit 38 per cent. to 40 per cent.; rent £40; rated on £30; 18 years' lease; living accommodation; terms, valuation of stock and fixtures, plus £500 goodwill; amount of stock taken optional.

12.—SUFFOLK COAST.—Cash Drug Store, with Confectionery; no Drugs or Photographic at present; immense scope for same; returns last year £2,405; gross profit about one-third; double-fronted shop; well fitted and stocked; 40ft. frontage; modern house; bathroom, private and back entrances; garden; new lease; valuation terms and part-payment entertained.

13.—HEREFORDSHIRE.—Dispensing and General Retail Business; situate in centre of town; returns exceed £4,000 per annum; rent £220; good lease; terms, valuation of stock and fixtures, plus £500 for goodwill.

14.—HERTFORDSHIRE.—General Retail Business, with Kodak Agency; established 33 years; returns approach £2,100; stock and fixtures worth about £800; good house; lease will be granted at £100 per annum, or property may be purchased; price asked, £1,450.

Messrs. O. & Co. desire to emphasize the necessity of a periodical Statement of Account by which means alone **Profit, the Value of Business, &c.**, can be determined. Involving as this does the labour of stocktaking and Valuation, it is often omitted and eventually becomes confusion and loss.

Valuations for Stocktaking

Messrs. O. & Co. are prepared to undertake these essential duties and make **SPECIAL TERMS** for such service.

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APPOINTMENTS.

GORDON MORUM, Pharmacist, 37, for 10 years a director of a well-known Liverpool firm of Wholesale Druggists, seeks an Appointment

EITHER AT HOME OR ABROAD.

P.C.B., 2/2, Office of this Paper.

PHARMACEUTICAL SOCIETY OF IRELAND.

THE COUNCIL will, on November 11th, 1930, proceed to the appointment of an Examiner to conduct the Registered Druggist Examination.

Full particulars may be obtained from the Registrar, with whom applications should be lodged not later than the 4th prox.

JAMES J. KERR. P.C., M.P.S.I.,
Registrar.

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PARTNERSHIPS.

PARTNERSHIP offered to smart man (qualified) in established N. London business; weekly drawings and share profits, half or quarter. Write first to Butcher, c/o 23 Quebec Street, E. Dereham, Norfolk.

£125.—PARTNER required in Chemist business; must be a qualified Chemist for National Health Insurance; draw £4 per week; money returnable with interest; genuine opening for smart man. Those seeking a genuine proposition please write or call personally. J. Harris & Co., 212 Clapham Road, Stockwell, London, S.W.9.

PREMISES TO LET.

SHOP, with living accommodation, to Let in Church Street, Croydon (no premium); trams and buses stop at door; £2 10s. per week, exclusive. Apply for full particulars, E. Reeves, Church Street, Croydon.

PREMISES FOR SALE.

SLOUGH, PRICE £1,600.—New Shops, 18 ft. by 40 ft., with 5-roomed Flats over; opening for Chemist; shopping centre of Slough Trading Estate, with new population of about 10,000 within 1-2 miles radius; favourable mortgage terms available. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1.

BERDOE & FISH

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41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations).

1.—ESSEX COAST.—Sound, well-established Business, in splendid position; turnover £4,000, under management; audited figures; handsome modern pharmacy, fully stocked; price £2,000, about value of stock and fixtures.

2.—LIVERPOOL.—Good middle-class suburban Retail for Sale through ill-health; returns nearly £1,500; net profits £370 to £400; good house; long lease; fully stocked; price £1,150.

3.—BIRMINGHAM.—Old-established light Retail, in good main road position, badly neglected; present returns £27 weekly under junior; plenty of scope; good house and shop; stock and fixtures worth £850; price £950, or offer.

4.—HANTS (Near Coast).—Unopposed good-class Business in pleasant residential district; growing and easily worked; returns £20 to £25 weekly; modern house and pharmacy; price £550, or offer.

5.—MIDDLESEX (Outer Suburb).—High-class Family Retail and Dispensing Business, in fine position; returns last year £2,400; gross profits £1,000; audited books; good house; owner retiring; price £2,000, or offer; strongly recommended.

6.—YORKS (W. Riding).—Sound Light Retail, returning £1,400; very profitable, under manager; low expenses; price for goodwill, fixtures and fittings £250; stock at valuation, about £400.

7.—WILTS.—Light unopposed country Retail Business, returning about £1,000, increasing; large pharmacy with house attached; electric light and water laid on; price £500.

8.—LONDON, S.W.—High-class Retail and Dispensing, with Kodak Agency; present returns about £35 weekly, increasing; good main road position; fine modern front; low rent; fully stocked; price £1,200.

9.—LONDON (Essex Suburb).—Death vacancy; sound Cash Retail, with N.H.I.; returns £1,300; growing district; no immediate opposition; nice house; good stock; price £650.

Stocktaking Valuations.

We are now booking dates for November onwards, and invite early application. Terms on application.

Estab. 1870. Telephone: Terminus 3574.

The Association of Manfg. Chemists, Ltd.

Business Agency, Transfer & Valuation Department

Head Offices—**Kimberley House, Holborn Viaduct, London, E.C.1 (and at 2 Bixteth Street, Liverpool).**

PARKIN S. BOOTH, *Valuer.* *'Phone: City* 1261-2-3

BUSINESSES FOR DISPOSAL.

1.—LONDON, S.W.—Old-established Chemist's Business, held on lease 8 years at £56 p.a.; let off £91 p.a.; returns average £17/20, under management; premises consist of double-fronted shop with two rooms behind; price for lease and goodwill, £150; fixtures, etc., £150; stock at valuation, approximately £350. Further particulars on application. (43)

2.—LONDON, N.7.—Old-established Optical Business, combining recently established Pharmacy, held on lease with 14 years to run at a rental of £250 p.a., of which £135 is let on lease; returns £28 per week; very large shop, dispensary and sight-testing room, situate in busy main road; no opposition for some distance. Further particulars on application. (42)

3.—MANCHESTER.—Old-established Retail Business for quick disposal; yearly tenancy; rent £150; returns for the last 40 years average over £50 weekly; at present returns are £35 weekly; nicely fitted and good stock; Wine and Spirit Licence; living accommodation. (48)

4.—LONDON, S.E.—Acid, Drug and Chemical Business for quick disposal; premises held on weekly tenancy at 14s. per week; returns average £25; stock and fixtures estimated at £500; offers invited. Fullest particulars on application.

5.—LONDON, S.W.—Recently-established Retail Dispensing Business premises on 15 years' lease at £150 per annum, of which part is sub-let at £104 per annum; returns 1929, £1,932, all cash; Kodak and U.C.A.L. Agencies; price for quick sale £1,100 all at, or £750 plus s.a.v. (approximately £425). (41)

6.—LINCS.—Established Dispensing and Retail Business for quick Disposal in important town; 17½ years' lease to run at £200 per annum; returns average £50 per week; very large shop, situate in main thoroughfare; specially recommended.

7.—BIRMINGHAM.—General Retail and Dispensing Business, situate in main busy road, for quick disposal; approximate returns £25 per week; double-fronted shop and seven-roomed house over; lease will be granted at £100 per annum; house above could be let at £78 per annum; price for lease, goodwill, fixtures and utensils £450; stock approximately £500. (49)

Ernest J. George

CHEMISTS' VALUER & TRANSFER AGENT
STOCKTAKING AND PRICING
INCOME TAX & RATING ASSESSMENTS, &c.

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Correspondence is invited from prospective purchasers relative to the following businesses for sale :—

(1) BLACKPOOL.—The owner of a thoroughly sound business situated in a permanent residential district, wishes to dispose for private reasons; excellently situated; average turnover exceeds £40 weekly; long lease at moderate rental; annual net profits upwards of £500; up-to-date living accommodation; for a quick sale the owner will accept an all-in figure of £1,000, which includes value of stock and fixtures, estimated at £500.

(2) SUSSEX.—Coastal town; returns approximately £2,000; net profits £850; rental £96, lease 19 years unexpired; N.H.I. and private dispensing; good living accommodation; price for quick sale £1,500.

(3) SOUTH STAFFORDSHIRE.—Turnover £2,000 approximately; 600 to 700 N.H.I. scripts per month. Centrally situated in shopping area in small Midland town; rent and rates £70 per annum; stock estimated £600; fittings £150; accountant's figures available. Offered at £1,250 for quick sale.

(4) LANCASHIRE TOWN.—Established 43 years; returns £1,350 per annum; net profits (certified) £350; considerable scope for increase; the owner is prepared to grant a 14 year lease on the premises at an annual rental of £65; purchase price required £1,050.

(5) WESTMORLAND (Lake District). — Turnover £1,500; inclusive rental £51; good private and N.H.I. dispensing; lease 7½ years, renewable; average net profits (certified) £350 per annum; cash trade only; price for quick sale £400 inclusive.

(6) SOUTH COAST.—Opportunity to acquire excellently situated business in main road of popular seaside resort; turnover £2,600; rental £190, but part of the premises are at present sub-let for £150; lease 5 years unexpired, with option to renew; further details to prospective purchasers only.

(7) YORKSHIRE (West Riding).—Average turnover £1,400 per annum; N.H.I. dispensing (175 scripts monthly); annual gross profits £550; rent £72, lease by agreement; at present under qualified management; excellent scope for development; total purchase price required £650; the owner's reason for wishing to dispose is owing to the fact that he possesses an additional business which requires his whole attention.

(8) NORTH EAST COAST.—High-class pharmacy, centrally situated; established 30 years; good toilet trade, turnover £2,700; lease on premises with option to renew; value of stock and fittings £950; further particulars to genuinely interested purchasers.

(9) LONDON, S.W.—Progressive business in busy main road position; attractively fitted; good lease at low rent; returns £33 per week and increasing; high-class trade; value of stock and fixtures, approximately £700; price required £1,250.

(10) HAMPSHIRE.—Small town, population 12,000. Drug Store; business only established twelve months ago, but first year's turnover approximately £1,150; living accommodation; rent £100; lease 14 years unexpired; optical connection; only one chemist in opposition; splendid opportunity for qualified pharmacist and optician; total purchase price £650; personal reasons for wishing to dispose.

(11) GLOUCESTERSHIRE.—Established 100 years, very prominently situated; living accommodation, rent £75, lease 16 years to run; the returns are steadily increasing, and at present amount to approximately £1,500 per annum; optical connection; personal reasons for wishing to dispose; the owner will consider an offer in the region of £1,700, which includes value of stock and fixtures estimated at £1,400.

(12) EAST HAM.—Owner lately deceased; present turnover £1,050; N.H.I. (in addition) 400 scripts per month; good living accommodation; rapidly extending district, with no near opposition, offering splendid scope for development; rental £65; lease 5 years unexpired (renewable); price £850, or near offer.

London enquiries *re* businesses, stocktaking, etc., may be addressed to Mr. S. F. CLARK, 34 Marksbury Avenue, Richmond, Surrey. *Telephone:* Richmond 2210. Correspondence, which will be treated in strict confidence, is invited from prospective vendors and purchasers of businesses.

PIONEER POSITIONS for SUCCESSFUL BUSINESS

ATTRACTIVE FREEHOLD SHOPS, with Flats above, replete with every modern convenience, and situated in a newly developed high-class residential area on the main road at

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Here is a locality where residents are hopefully awaiting your arrival. Establish your business where it is needed, and benefit as well by our Liberal Advances.

FUTURE PROSPERITY IS CERTAIN. ONLY A FEW SHOPS NOW UNSOLD.

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Excellent offers, High Peak, Fylde district, Bolton, Bradford, Huddersfield and Manchester, £400/£2,000.

"Valuations by fully-qualified staff." (*Tel.:* Failsworth 113.)

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Established over 70 years.

46 VICTORIA ST., MANCHESTER

and at 44 Fargate, SHEFFIELD

'Grams: "Tomtom, Manchester." 'Phone: Marple 332

BUSINESSES FOR DISPOSAL.

BRADFORD.—Old-established, new stocked, high-class Dispensing Business; best residential part of city; large house and double-fronted shop; returns, under management, £1,300 at best prices; Rexall, Kodak; price for business, £1,000, or by valuation. Park Pharmacy, Oak Lane, Manningham, Bradford.

ESSEX SEASIDE.—Good-class Dispensing and Prescribing Business for Sale; going concern; established 7 years; valuable corner site in rising residential neighbourhood, with good scope for increase; retirement through illness; freehold can be purchased, or lease on low rental; living accommodation; no agents. 273/39, Office of this Paper.

ESSEX TOWN (24 Miles London).—General, Dispensing and Optical; long lease; low rent; well-fitted shop and living accommodation; takings about £1,150 per annum; good profits; price for goodwill and lease £250, plus stock and fixtures, about £700. Preston & Partners, Valuers, 29 Ludgate Hill, E.C.

LAKE DISTRICT (Near).—Chance seldom met with; Chemist's Business; good position; returns approximately £1,500 yearly; fairly good N.H.I.; low rent; lease; at present lock-up, but house over shop can be had if desired; business shows £375 yearly net profit, auditor's figures; accept £450 quick sale. Brierley, Chemists' Valuer, 135 Queen Street, Newton Heath, Manchester. (Tel.: Failsworth 113.)

LONDON, E.15.—Well-established Business, shop and house; takings average £30 a week; gross profits last year £750; chartered accountant's figures; lease 21 years; rent £19 10s. per quarter; rooms at present sub-let 27s. 6d. per week; lease, fixtures, fittings, £700; sacrifice; stock optional. Write "Chemist," 19 St. Mark's Road, London, E.8.

LONDON, W. (main road).—Lock-up shop; middle-class and Family Business; nicely fitted and well stocked; very low rental; takings at present £18-£20 per week, excluding N.H.I., about 200 per month; both can be considerably increased; illness cause of sale; must be sold immediately; price £395, or near offer. Apply 277/9, Office of this Paper.

LONDON, S.W.—For immediate disposal, lock-up Shop in main road; nicely fitted and stocked; under unqualified managership (lady); big scope for Panel; rent 25s. per week, inclusive; Photographic Plant optional; all at £200. Apply 277/90, Office of this Paper.

MANCHESTER (Suburb). — Old-established middle-class Family Business; splendid position; returns approximately £2,000 per annum; lock-up; lease; well fitted and stocked; usual Agencies; only reason for disposal being indifferent health; price £650; a genuine offer; no triflers, please. Brierley, (Chemists' Valuer), 135 Queen Street, Newton Heath, Manchester. (Tel.: Failsworth 113.)

PRESTON (LANCS).—Established Chemist's Business for Sale; good opportunity to purchase progressive business; N.H.I. connection; corner shop; long lease and low rent; good profits; every investigation allowed; living accommodation. For further particulars apply to George Drysdale, Certified Public Accountant, Clifton Chambers, Fishergate Hill, Preston.

SOUTH DEVON.—Genuine Prescribing and Dispensing Business (established 1856) for disposal; family reasons; busy thoroughfare; near theatre, pictures, etc.; good opening for competent Chemist-Optician; good N.H.I. and Public Health; rent 25s. per week, including rates and taxes; good lease; price £950, all at. Apply 273/36, Office of this Paper.

YORK.—Established Retail Business; double-fronted shop; good house and living accommodation; full Wine Licence, Kodak, N.H.I.; well-populated area; fullest investigation welcomed. Apply 271/9, Office of this Paper.

AGRICULTURAL and Family Business, in good market town, Yorkshire; large turnover at good profits; several sole Agencies, a fine opportunity for acquiring a genuine and old-established business in healthy surroundings; particulars to genuine buyers only; price £4,500. 276/20, Office of this Paper.

CHEMIST Business. Full particulars call 24 Wellington Street, Camden Town.

CHEMIST'S Business (small) in Edinburgh for Sale, well fitted and fully equipped shop, in leading thoroughfare. Particulars from Mackenzie & Fortune, S.S.C., 40 Melville Street, Edinburgh.

DRUG STORE.—Main road; splendid position; 12 miles from London; well fitted and stocked; takings £10 weekly; easily doubled under qualified man; good house; side entrance; 16 years' lease; rent £68; part let at 18s. weekly; price £550. 276/11, Office of this Paper.

FAMILY Dispensing and Retail Business; North London; average £22 per week; long lease at moderate rent; bargain to quick buyer. Write for interview. 274/28, Office of this Paper.

FOR immediate disposal, owing to illness of proprietor, who is ordered abroad, well-fitted and stocked main road (W.C., London) Business; last year's turnover £2,000, at excellent profit; chartered accountant's figures; business valued at £2,000; will accept first reasonable offer. Inquiries to P.C.B. 2/39, Office of this Paper.

HIGH-CLASS Pharmacy for Sale in S.E. London; takings average £17 per week; unlimited scope for qualified person; beautifully stocked and fitted; good living accommodation; long lease; outstanding rent 25s. per week; no near opposition. Apply 276/23, Office of this Paper.

SADLY neglected Business, with Post Office; lock-up shop; long lease; spacious store rooms; adjacent to multiples, Pearks, etc.; inclusive rental, covered by P.O. salary; bronze, marble double-fronted windows; modern mahogany fittings, glass cases and counters, Cash Register, safe; central heating; good stock; young Chemist, initiative, energy, quickly work up; winter business ahead; bargain, £650, everything. "Chemist," 10 Bromley Hill, Bromley, Kent.

SPLENDID opportunity for acquiring a new and unopened Business in a very select and high-class neighbourhood near London; no opposition; shop beautifully and specially fitted and ready to step into; rent for shop and flat £100 first year, rising to £130 third year; advertiser is not a builder or agent, and has special reasons for letting. 178/328, Office of this Paper.

£2,500 PURCHASES Cash Business, with good house attached, situated South Coast (not Bournemouth); splendid position in rising resort; Kodak and Rexall Agencies; good opening for Optics; suit live man or partners with modern ideas; average returns £78 weekly; genuine inquiries invited; no triflers, please. 277/12, Office of this Paper.

BUSINESSES WANTED.

A SMALL Chemist's Business, or Drug Stores, capable of conversion, required within 30-mile radius of Cambridge; a neglected business offering scope for improvement not objected to, or partnership with elderly chemist with view to succession; genuine; replies treated as strictly confidential. 277/6, Office of this Paper.

BERDOE & FISH are urgently in need of Businesses returning about £3,000 upwards, particularly in London, Home Counties and the Coast; cash buyers waiting to take immediate possession; quick sales negotiated privately; correspondence cordially invited. Transfer Offices: 41 Argyle Square, King's Cross, W.C.1. 'Phone: Terminus 3574.

CHEMIST requires Business or Drug Stores; good position, with scope for development; side-line, such as P.O. or Hairdressing not objected to. Full details: price, rent, rates, etc., first letter; country or town. 274/31, Office of this Paper.

LONDON DISTRICT OR SOUTH OF ENGLAND.—Sound Business wanted, with turnover of at least £2,500 per annum; more preferred; reasonable price will be paid. Particulars (in confidence) to Preston & Partners, Valuers, 29 Ludgate Hill, E.C.4.

PHARMACIST requires sound Business, preferably London or near by; cash available £450-£500; balance on easy terms, safely secured, or will manage with view to early purchase. "Eneray," 274/17, Office of this Paper.

REQUIRED, a small Business (not in the North or Wales or London). Apply to G. Godding, Chemist, Market Deeping, near Peterborough.

YORKSHIRE.—Sound Chemist's Business wanted in Yorkshire for spot cash; must be profitable concern, with good turnover and preferably with large N.H.I.; good price paid for the right business; would also consider management with view to early succession. Full particulars (in confidence) to 272/29, Office of this Paper.

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Removed from Ilford for convenience of Sale.
5 LITTLE BRITAIN (close to G.P.O.),
LONDON, E.C.

Well-made CHEMISTS' FITTINGS, including two handsome Dispensing Screens, a 10ft. Drug Run, one exceptionally fine 8ft. Chemist's Wall Showcase, six others, two Chemists' Counters, several Counter Cases, Sponge Cases, Perfumery Case, Silent Salesman, Mirrors, Tills, Display Stands, Glass Shelves, etc.

B. NORMAN & SON
will Sell by Auction at their Sale Rooms as above, on Wednesday, November 5th, at One o'clock.
Catalogues on application.

PATENTS.

THE Proprietors of Letters Patent No. 224,891, entitled "Improved Dentifrice Material," desire to dispose of their Patent or to grant Licences to interested parties on reasonable terms for the purpose of exploiting the same and ensuring its full commercial development and practical working in this country.

Inquiries to be addressed to Cruikshank & Fairweather, 65-66 Chancery Lane, London, W.C.2.

PATENT No. 9,834, relating to a massage apparatns, combining massage and radiation in a single device. Patentee offers sole selling rights for British Isles. Write for full particulars, 178/334, Office of this Paper.

THE owners of British Patent No. 259,942, "New Mouth Washes and Dentifrices," wish to enter into working arrangement for exploitation in Great Britain. Write to B.O.5619, c/o Rudolf Mosse, Ltd., 125 Strand, London, W.C.2.

AGENCIES.

LICORICE.—First-class Italian manufactory wants General Agents, preferred if old-established firms of the line, with a perfect sale organisation, travellers, staff or sub-agents, warehouse to store consignments, etc., with good connection amongst Chemists and Druggists, both Wholesale and Retail, for the introduction and distribution of an A1 article of genuine Italian Licorice Juice in sticks, on a commission basis. Write, indicating district and giving references, to Fabbrica di Liquirizia Dott. Simone Toscano, Catania (Italy), via Patriarca, 2.

APPRENTICES.

MR. R. C. FRANK has a vacancy for an Apprentice; preferably one who has passed Part I. Apply, by letter, to R. C. Frank, 75 Northholt Road, Harrow.

FINANCIAL.

CAPITAL required, £4,000 to £5,000, to assist finance a highly remunerative Manufacturing Concern. Full particulars at personal interview. Reply, P.C.B. 3/17, Office of this Paper.

LEGAL NOTICE.

K. B. MAVLANKAR, DECEASED.

The Receiver and Manager appointed by the Court in connection with the Estate and Business of K. B. Mavlankar, Deceased, hereby announces that Messrs. Bobin, Gianetto and Drew are no longer connected with the business. The Receiver and Manager is still carrying on the business as it existed at Mr. Mavlankar's death and no section of the same has been disposed of or closed down.

SITUATIONS OPEN.

RETAIL (HOME).

BOURNEMOUTH.—G. E. Bridge & Co., Ltd., require a second Assistant, unqualified, about 26-30 (outdoors). Apply, with full particulars, to E. C. Barker, 125 Old Christchurch Road, Bournemouth. Letters unanswered within four days declined with thanks.

BRIGHTON.—Qualified Assistant for Dispensing, with some Counter work; age 25 to 30; must have had experience in good-class Dispensing businesses; full particulars in first letter, stating age, height, salary required (outdoors) and enclose photo; no local applicants. 276/15, Office of this Paper.

EXETER PHARMACY.—Dispenser required; qualification not essential; must be careful, competent, and experienced. Full particulars, including salary required, to 274/13, Office of this Paper.

LIVERPOOL.—Qualified Manager required immediately for modern suburban branch; good living accommodation if required; must have undeniable references; one prepared to take small financial interest preferred; state age, experience, salary required; no reply seven days respectfully declined. 275/13, Office of this Paper.

LONDON, N.—Unqualified Assistant (lady or gentleman) for Family business with N.H.I.; interview necessary. Apply, stating age, experience, and salary required, to P.C.B. 3/7, Office of this Paper.

LONDON, N.W.—Required at once, an all-round Unqualified Assistant, age about 26; one used to good-class business; must be reliable Dispenser. Apply, stating usual particulars, to 275/7, Office of this Paper.

LONDON, W.1.—Wanted, Qualified Assistant for Dispensing Business near Harley Street. Please give fullest particulars, including qualifications, salary required and when disengaged, to 275/4, Office of this Paper.

LONDON, S.W.—Qualified lady, capable of taking charge of small business, generally capable and obliging, for November 3. Full particulars and salary required; call if convenient. "Chemist," 52 York Road, Battersea.

MANCHESTER DISTRICT.—Qualified Manager wanted; must be thoroughly capable in all branches and a business builder: one used to the fitting of Surgical Appliances preferred; age between 30 and 40. Apply 274/5, Office of this Paper.

N.W. DISTRICT.—Young Lady, for Counter and Clerical work; good knowledge of Toilets, etc. State age, height, experience, salary, etc. Apply 274/38, Office of this Paper.

SURREY COUNTY COUNCIL.
KINGSTON AND DISTRICT HOSPITAL.
APPOINTMENT OF ASSISTANT DISPENSER (FEMALE).

APPLICATIONS are invited for the position of Assistant Dispenser (female) at the Kingston and District Hospital.

Applicants must be fully qualified and able to take charge of the Dispensary, if required.

The salary will be at the rate of £3 per week.

Applications, in the candidate's own handwriting, accompanied by copies of not more than three recent testimonials, must be forwarded to the Divisional Public Assistance Officer, 29 Coombe Lane, Kingston-on-Thames, not later than 10 a.m. on Thursday, 30th October, 1930.

DUDLEY AUKLAND,
Clerk of the Council.

County Hall,
Kingston-on-Thames.
20th October, 1930.

ADMINISTRATIVE COUNTY OF LONDON. — Hospital Service. The London County Council invites applications for the position of Dispenser and Assistant Dispenser respectively at the undermentioned Hospitals:—(a) Grove Park Hospital, Lee, S.W.12. Dispenser (man or woman); commencing salary £227 a year. (b) Lewisham Hospital, S.E.13. Assistant Dispenser (man or woman); commencing salary £200 a year. (c) St. Benedict's Hospital for Women, Church Lane, S.W.17. Dispenser (part time) (woman only); salary £130 a year, with dinner and tea. Candidates must hold the Major or Minor Certificate of the Pharmaceutical Society of Great Britain. The salaries and conditions of service are provisional, and are subject to review by the Council. In the case of women, marriage terminates the contract of service. Forms of application may be obtained from the Medical Officer of Health (S.D.4a), The County Hall, Westminster Bridge, S.E.1. A stamped addressed foolscap envelope should be enclosed. Forms of application must be returned by 31st October, 1930. Canvassing disqualifies. Montagu H. Cox, Clerk of the London County Council.

SOUTH-EAST LONDON.—Reliable Junior required for progressive pharmacy; must be a tactful and business-like Salesman, with good knowledge of Window-dressing. Apply 276/38, Office of this Paper.

STANMORE, MIDDLESEX.—Assistant, age about 25, required for high-class Pharmacy; one with Optical experience preferred, but not essential; Dispensing, Counter, Window-dressing, etc. Apply R. C. Frank, Chemist, Stanmore.

SUFFOLK COAST.—Junior Assistant wanted (male); good address. State age, height, experience, salary required, and enclose photo. A. E. Sawyer, Southwold.

ASSISTANT wanted, age about 20; must have Part I; energetic. Apply, with full particulars, to Bowen, 37 Golborne Road, North Kensington, W.10.

J. WEARING, Pharmacist, Woking, requires gentlemanly Assistant; qualified or unqualified; must be quick and accurate Dispenser; send full particulars and salary required; only those with good experience and undeniable references need apply. Applicants not answered in four days respectfully declined.

JUNIOR Assistant (male) required for Dispensing, Counter, Stock, etc.; must be smart and a willing worker. Apply, giving full particulars of experience, age, height, and salary required (outdoors); photo if convenient. D. H. Owles, c/o J. R. Faulkner & Co., 173 Ladbroke Grove, London, W.10.

JUNIOR Assistant wanted. Apply, stating age, experience, salary required, to Head Office, Wm. Fox & Sons, Ltd., 109, 111, 113 Bethnal Green Road, London, E.2 (10 minutes from Liverpool Street).

JUNIOR Assistant required. Apply, stating salary and usual particulars, to Leach & Son, Chemists, Macclesfield.

MANAGER, qualified (experienced), required for high-class business near London; age between 25 and 35; must have engaging manner and thoroughly trustworthy; splendid prospects for acquiring business; good commission on results to start with; photo and state salary required. 178/329, Office of this Paper.

PHARMACY.—Assistant (lady), unqualified, age 21-25, required for South-Eastern district; must have general Pharmaceutical and shop experience. Apply, in writing, stating age, experience, and salary required, to Staff Manager, Royal Arsenal Co-operative Society, Ltd., 148 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." Note.—Canvassing of members of the General Committee and officials will disqualify.

QUALIFIED Locum for one week, commencing November 3 to 8 inclusive; state terms. Applicants not answered in a few days respectfully declined. Apply Hallam, Ltd., 126 Cotmanhay Road, Ilkeston.

QUALIFIED lady required, 30-35, to manage small branch; able to take sole charge; sound Saleswoman, Window-dresser essential. State experience and when at liberty, 276/14, Office of this Paper.

QUALIFIED Assistant wanted for small seaside business; moderate salary; state age and salary required. 276/33, Office of this Paper.

QUALIFIED man wanted, reliable, about 25, by West-End firm, for half-day during the week for Dispensing relief, 3 p.m. to 7 p.m.; good pay; permanent. 276/40, Office of this Paper.

UNQUALIFIED Assistant required in good-class business in N.W. district; Counter, Stock, Window-dressing and some Dispensing. Apply with full particulars, age, experience, salary, etc., 276/1, Office of this Paper.

WANTED, Lady Dispenser-Book-keeper; live in; firm Doctors; Ilford district. State age, qualifications, experiences, photograph. Apply Dr. Cuthbert, 2 Eastwood Road, Goodmayes, Essex.

W.1.—JUNIOR Assistant, age about 20, mainly Counter and Window-dressing. Write, with usual particulars, 272/25, Office of this Paper.

WHOLESALE.

MANCHESTER AND DISTRICT.—Representative required to market a quick-selling line on a commission basis; applicants should already have one other line. Apply 178/330, Office of this Paper.

A REPRESENTATIVE is required by a large firm of Manufacturing Chemists to call upon Doctors in Northumberland and district, also to visit Scotland, to introduce Medical Specialities; previous experience essential; this appointment would be a permanency for a suitable person; high credentials required. 178/332, Office of this Paper.

ADVERTISING.—Writer wanted by Wholesale Chemists for trade and medical printed matter; previous experience necessary; age about 25 to 30; qualified or unqualified. State salary required and experience to 178/331, Office of this Paper.

LADY Pharmacist wanted, with Minor qualification or equivalent, as Typist-Stenographer in Technical Laboratory. 260/4, Office of this Paper.

PART-TIME Representatives or Agents, with connection best Chemists principal towns, required to handle proprietary line on good commission basis. Fullest particulars to 273/24, Office of this Paper.

PILL MAKER.—Wanted, a young man experienced in the manufacture of Pills (machine- and hand-made), Coating, etc. Reply General Apothecaries' Co., Ltd., 49 Berners Street, W.1.

REPRESENTATIVES required, with connection among Doctors and Chemists, for sale of "Kissinga Pine Needle Baths" for Rheumatism, etc.; commission basis. Write particulars of territory covered and usual references (in confidence) to the "Phil-Sano" Co., Ltd., 121 Kingsway, W.C.2.

REPRESENTATIVES for Scotland and South Coast, on commission basis; young, energetic men to take over and extend existing connections; no objection to non-competing lines being carried; past records must stand strictest investigation. Write fully, Manager, Royal Court Manufacturing Co., 4 Chapel Court, London, S.E.1.

REPRESENTATIVES of proved ability required for well-known nationally advertised proprietary lines selling to Chemists, Grocers, Stores, Drapers, etc., which are being rapidly developed; extra lines added from time to time; a fine opportunity for real live salesmen to make quick progress. Territories: South Wales and West Country; North Wales, Cheshire and Lancs; Eastern Counties; Midlands. Write in first instance, stating clearly details of past records and the remuneration you expect to make, Box 928, Dorland, 14 Regent Street, S.W.1.

REPRESENTATIVES wanted, with connections among Doctors, Hospitals, and Surgical Dealers, to carry as an additional line a range of Bandages, Plasters and Tapes; excellent opportunity for those possessing the required connections. Write fully, Arlin, 14 New Bridge Street, E.C.4.

REQUIRED immediately, educated youth to enter Manufacturing Perfumery business in West-End; vacancy affords thorough preliminary training on clerical side, with good prospects for suitable applicant. Apply by letter to 178/333, Office of this Paper.

TABLET Maker wanted; must have full knowledge of all processes, granulation, compression, coating, hypodermics, etc.; only fully experienced applicants considered. Write, stating age, experience, salary required, to 177/297, Office of this Paper.

TRAVELLER wanted, already calling upon Chemists in the Manchester district, to introduce a well-recommended Patent Medicine; every encouragement given to a man who can bring results. Reply Box No. 140, c/o T. B. Browne, Ltd., 52 Cross Street, Manchester.

WANTED at once, a Traveller for winter months for E. and N.E. Counties, to push popular and old established line; able to drive car and carry goods; good commission and expenses allowed; must be able to pass fidelity guarantee. Apply BM/RWT6, London, W.C.1.

(COLONIAL, INDIAN AND FOREIGN.)

RIVIERA.—Male Dispenser required, not under 30; West-End experience; salary 2,000 frcs. monthly; return fare paid. Apply 178/327, Office of this Paper.

WEST AFRICA.—Required for West Africa, a qualified Chemist, who must also hold Optical Diploma; under 30 years of age and single preferred; passage paid; free furnished quarters; substantial salary for 18 months' agreement; if services satisfactory liberal leave on full pay with re-engagement at progressive increase. Apply, stating age and experience, with photograph if possible, to 177/307, Office of this Paper.

SITUATIONS WANTED.

(RETAIL HOME.)

A.A.A.—ENERGETIC, qualified Manager, 25, with comprehensive London and provincial experience, requires progressive permanency; London and district; excellent references. 276/2, Office of this Paper.

A.A.—EXPERIENCED Assistant or Locum; Dispensing, Counter, Windows, Prescribing; trustworthy; competent; unregistered. Harries, 11 Trigon Road, S.W.8.

A.A.—AT liberty; M.P.S.; management or Locum; London; hard, conscientious worker; Salesman; successful and highly recommended; 45. 274/29, Office of this Paper.

A.A.—QUALIFIED, single, 26, General, Continental and Hospital experiences, desires post; anywhere. 276/37, Office of this Paper.

A.A.—YOUNG Qualified Pharmacist, capable, experienced, and with excellent testimonials, requires position as Dispenser, business or institution. 274/30, Office of this Paper.

A.A.—ASSISTANT; Dispenser; Window-dresser; high-class experience; salary £3 3s.; well recommended. Particulars to 277/30, Office of this Paper.

A.A.—UNQUALIFIED, 25, requires situation; London preferred; 8 years' experience, Dispensing, Counter and Photo (D. & P.); disengaged. 277/39, Office of this Paper.

A COMPETENT, unqualified Assistant, age 26, desires permanency; N. London preferred; experienced; Retail Salesmanship, Dispensing, Window Display. 274/37, Office of this Paper.

A LOCUM; qualified; long experience in all branches; active; excellent references; terms moderate. "S. C. J.," 54 Priory Road, West Hampstead, N.W.6. 'Phone: Maida Vale 8212.

A KEEN Salesman, first-class Window-dresser, reliable, West-End and provincial experience, 25 years of age, tall, desires position with good prospects; unqualified. "J. H. W.," 21 Northcote Road, New Malden, Surrey.

BIRMINGHAM OR DISTRICT.

QUALIFIED, 26, single, extensive experience in management, Dispensing, Buying, Wines, Photographic, staff control, etc., desires change; 9 years in present situation; disengaged in one month. 277/38, Office of this Paper.

A QUALIFIED Manager, good all-round experience in London and South Coast, desires permanency, in or South of London; exceptional Prescribing experience; married; excellent references; living accommodation preferred; free after customary notice. 273/25, Office of this Paper.

A QUALIFIED Chemist, 23, tall, good appearance and education, excellent experience, reliable references, desires progressive post; Retail or Dispensing; London, South Coast, Nottinghamshire or Leicestershire. Bingham, Castlegate, Newark.

A QUALIFIED Pharmacist, young, requires permanent position as Manager or Senior; excellent references. "Chemist," 40 Duchess Road, Edgbaston, Birmingham.

A THOROUGHLY competent qualified Manager or Locum, with wide experience; age 45; height 6 ft.; good appearance and address; abstainer. "Pharmacist," 69 Milton Road, Waterloo, Liverpool.

A YOUNG, qualified Chemist seeks post; first-class experience; good Dispenser; excellent references; disengaged. Carrington, "Long Meadow," Bakewell.

A YOUNG, qualified Chemist, tall, high-class experience, Photographic, etc., desires post. Martin, Bonnington Hotel, Southampton Row, London.

AN all-round Assistant, 21, wants work urgently; not a quitter; anything good; anywhere. 28 Clegg Street, Brierfield, Lancs.

AN experienced Pharmacist desires permanency; late Locum work; moderate terms; date by arrangement. "Chemist," 98 The Grove, Ealing, W.5.

AN experienced Manager, qualified, 25, all-round experience, Salesmanship, Display, desires post as Manager; Leeds preferred. 276/271, Office of this Paper.

AS Assistant or Locum; temporary or permanent; disengaged; excellent references; abstainer. "H. G.," 142 Hill Lane, Southampton.

ASSISTANT; unqualified; 22; tall; city and seaside experience, all branches; good references. K. Gilbert, 34 Seafield Road, Blackpool.

ASSISTANT, unqualified, 22, tall, desires change; 8 years' good all-round experience, Dispensing, Counter; Window-dresser, etc.; excellent references; well recommended; free one month. 273/29, Office of this Paper.

ASSISTANT (referred Part II), age 21, desires situation, Durham County or Tyneside; sound experience in all Retail branches. 273/27, Office of this Paper.

ASSISTANT or Locum; Counter, Dispensing, Photography; energetic; disengaged; good references. "K.," 62 Blenheim Road, East Ham, E.6.

ASSISTANT, 24, desires change; excellent references obtainable; good high-class experience in all branches; capable and willing (unqualified); London preferred. "B. J. M.," 76a Larden Road, Acton, W.3.

ASSISTANT; unqualified; permanency preferred; can manage Chemist's Retail or Drug Store; disengaged. "Statim," 72 Tremadoe Road, Clapham, S.W.4.

ASSISTANT; unqualified; 20 years' London and country all-round experience; moderate salary; disengaged. "Chemicus," 69 Upper Richmond Road, Putney.

ASSISTANT; several years' good experience; good appearance and address; college trained; unqualified; four years last berth. 276/4, Office of this Paper.

ASSISTANT, 26, unqualified, with good references and all-round experience, seeks change to Birmingham district; salary moderate. 276/5, Office of this Paper.

CAPABLE, unqualified Assistant, 31, 16 years' good-class experience in Dispensing, Surgical, Photographic, Toilet, accustomed to quick Counter trade, courteous Counterman, energetic, keen Salesman, competent Window-dresser, able to take charge, requires permanency; excellent references. "Ferrum," 20 Langham Road, Bristol.

CHEMIST wishes to recommend his Assistant, who desires a change; thoroughly reliable in every respect; Dispensing preferred. Hough, Chemist, Studley.

CHEMIST, 25, wants position as Manager; first-class West-End experience; keen Salesman, Window-dresser, etc.; excellent references. Apply "H.," 158 Clapham Road, S.W.9.

CHEMIST'S Assistant, unqualified, desires change; first-class experience, Manufacturing and Dispensing; an ideal Window-dresser and Salesman; highest references; wages moderate. 277/40, Office of this Paper.

COMPETENT, unqualified Assistant, 20 years' Retail experience, requires position where salesmanship and business ability are essential; Photography, Dispensing; good references. "Aspirin," c/o Mr. Bramley, 190 Welford Road, Leicester.

DISENGAGED; qualified; experienced all round; good Dispenser; accustomed to heavy Panel; Locum or suitable permanency; middle-aged; excellent references. "M.P.S.," 29 Kenninghall Road, Clapton, E.5.

DESPERATE; turned 40, thus unwanted; faced with shipwreck.—M.P.S., highly skilled, educated, capable, courteous, conscientious, reliable employee, with pharmaceutical personality; references clean. Will anyone offer position to save disaster? "Cibalgin," 275[illegible], Office of this Paper.

ELDERLY; qualified; 9 years last situation; now disengaged through business changing hands; active; healthy; reliable; Manager or Dispenser. "Chemist," 167 Dover Road, Portsmouth.

DISPENSER-BOOK-KEEPER desires post with Doctor or Institution; age 22; Hall qualification; experienced; excellent testimonials; S.W. district preferred. Miss Puddy, 432 Upper Richmond Road, S.W.15. Putney 3242.

EAST LONDON OR EASTERN SUBURB.—Experienced reliable Chemist, Photography, Window-dressing, desires position of Manager or Senior Assistant; interview. Scott, 77 Wanstead Park Avenue, Manor Park, E.12.

ENERGETIC Assistant, unqualified, age 40, is desirous of a permanency; thoroughly experienced and well recommended. 274/15, Office of this Paper.

EXPERIENCED, all-round, including West-End, seeks engagement, temporary or otherwise; age 44; unqualified. Little, 9 Westbourne Street, Sloane Square, S.W.1.

EXPERIENCED all-round Assistant; tall; 45; Manager, Senior or Single; good worker; disengaged. "Primus," 23 Doughty Street, W.C.1.

F.S.M.C., F.B.O.A., registered J.C.Q.O. (24) (pharmaceutically unqualified), excellent Refractionist, Dispenser and Counter hand, hard and conscientious worker, with good references, desires position with prospects; instal own Optical equipment if necessary; capable of entire charge when required. Replies to "Fidelis," 275/10, Office of this Paper.

JUNIOR, 20, just completed four years' apprenticeship, Dispensing and Counter desires post where one or more are kept. Baker, Charters Road Nursery, Sunningdale.

JUNIOR Assistant; good appearance and address; smart, accurate Dispenser, capable and keen Salesman; highest references; free now. R. Lloyd Jones, B.A., Medical Hall, Holyhead.

JUNIOR, 20, ex-Public School, requires situation urgently; good experience and references; Counter, Dispensing and Photography; disengaged. Write, "G.," 1 Central Avenue, Eastbourne.

LADY Assistant, disengaged, 13 years' experience, excellent Dispensing and all-round Counter experience (Hall Certificate), desires post; Chemist or Doctor. 20 The Parade, Carshalton, Surrey.

LADY Dispenser (Hall Certificate), Medical Book-keeping, young, also Secretarial knowledge, desires post. 274/6, Office of this Paper.

LADY Dispenser, age 20, seeks position with Doctor or Institute; 5 years' experience; London or suburbs. 272/35, Office of this Paper.

LADY, M.P.S., desires post, Doctor's, Hospital or Chemist's Dispensing; 5 years in present post with doctor, now giving up general practice. Miss Stebben, Thornborough House, Clarendon Road, Watford.

LADY, 21, qualified in the last examination, requires temporary or permanent post in London or suburbs. 270/21, Office of this Paper.

LADY Dispenser (Hall) requires post with Doctor; Essex preferred. Davis, "The Laurels," Tower Avenue, Chelmsford.

LADY Dispenser (Hall), age 21, experience Retail, Secretarial and Hospital, desires post with Chemist, Doctor or Hospital; London or Essex. "W.," 11 Kimberley Road, Chingford, Essex.

LADY Dispenser-Book-keeper (Hall certificate) seeks post with Doctor, Hospital or Chemist. Hamer, 22 Mayor Street, Ramsbottom, Lancs.

LADY (21); unqualified; five years' London experience; Dispensing, Counter, Photographic; interview. Fitzpatrick, 29 Denbigh Street, S.W.1.

LADY M.P.S., energetic, trustworthy, businesslike, desires post good-class pharmacy; East Kent or Brighton district preferred. 276/25, Office of this Paper.

LADY, unqualified, desires post; all-round experience; competent Dispenser, Counter-hand; able to work without constant supervision; disengaged shortly. 277/35, Office of this Paper.

LADY Assistant, disengaged (Hall Certificate), 7 years' excellent experience in Dispensing and Counter work, energetic, reliable, undeniable references, desires post; London or district preferred; interview. "O. K.," 31 Park Hill, Clapham, S.W.4.

LOCUM, Relief, Manager; "not registered"; over 20 years sound experience, Dispensing, heavy Panel, Hospitals; City, West-End Stores and good Private; Counter, Stock, Salesman, Prescribing. "G.," 130 Scott-Ellis Gardens, N.W.8.

LOCUM, M.P.S.; elderly; good references; moderate terms; period or permanent; disengaged October 24. Wellburn, c/o Mrs. Brock, 10 Leyland Road, Lee, S.E.12.

LOCUM.—Young, qualified Assistant requires position till end of November; London or S.E. England; thorough high-class Dispensing experience; Retail or Hospital. Ridsdale, Devonshire Road, Bexhill.

LOCUM; disengaged; good references; permanency at low salary. "W.," c/o Rudderman, 36 Victor Street, York.

LOCUM or temporary, qualified, 32, single, as Manager or Assistant. "Chemist," 50 Grove Lane, Camberwell, S.E.5.

LONDON or Provincial.—Assistant (28); tall; six years' all-round experience; capable Dispenser; keen Salesman; first-class references. "E. M.," 39 Chinbrook Road, Grove Park, S.E.12.

MANAGER or Locum; experienced Chemist; middle-aged; height 6 ft.; highest references; disengaged. Lyne, Kirton Lindsey, Lincolnshire.

MANAGER, qualified, desires position with view to succession; middle-aged; all-round experienced; good references. 273/38, Office of this Paper.

MANAGER, thoroughly experienced and now disengaged, desires permanent, progressive position in London. Please arrange interview. P.C.B. 2/31, Office of this Paper.

MANAGER or Locum; qualified 37 years; first-class experience Pharmacy and Photography; excellent references; Partnership entertained in sound concern. Findlay, 62 Lillie Road, Fulham.

MANAGER; 29; qualified; keen; energetic; competent and methodical; experienced Buyer; well versed in all departments of a brisk modern pharmacy specialising in counter sales and display; references sound; London or within 50 miles. "Ephredine," 58 Oakfield Road, London, N.4.

MANAGER; qualified; 29; married; first-class London and country experience; disengaged. Wyse, 63 Farnborough Road, Farnborough, Hants.

M.P.S., F.S.M.C., F.B.O.A., registered J.C.Q.O., requires permanent and progressive Managership or other responsible position; good Salesman and Window-dresser; Photographic; capable Refractionist; excellent practical experience. 273/18, Office of this Paper.

M.P.S., 27, tall, good appearance, seeks permanency as Manager; London; accurate Dispenser; experienced in Counter and Photographic; studying Optics. 273/31, Office of this Paper.

M.P.S.—ASSISTANT or Manager; thorough experience every branch, including Optics; conversant French and German. 26 Newick Road, E.5.

M.P.S., tall, gentlemanly, 36, as Manager or First Assistant; disengaged October 27; terms moderate. "G. S. G.," 156 Stockwell Road, S.W.9.

M.P.S. (lady), experienced Dispensing, Counter, Window-dressing, desires post; Surrey or Cambs preferred; Chemist or Doctor. 274/16, Office of this Paper.

M.P.S., extensive Retail and Hospital experience, reliable, hard worker, Salesman, accustomed to managing and about to study at University, offers services on Saturdays. Barnes, 40 Scholars Road, Balham.

M.P.S. (lady, 24), recently qualified, desires Locum or permanency; excellent references; Birmingham, Liverpool, London districts preferred. 276/12, Office of this Paper.

M.P.S., 26, with all-round experience in every branch, seeks position, anywhere, as Manager or Assistant; free October 27. R. R., Pugh, 52 Grove Road, Balham, S.W.12.

M.P.S., young, desiring more experience, seeks position as Assistant; accept moderate salary; Leeds or district preferred. 277/2, Office of this Paper.

MR. C. LAVIERS, M.P.S., desires a position as Dispenser in high-class Pharmacy or Hospital, at home or abroad; 8 years' experience, London and provincial; disengaged; registered R.P.U. 16 Deodar Road, Putney, S.W.15.

PART-TIME wanted by Student for Part II; available evenings and Saturdays; London. T. Irons, 83 Manor Drive, Wembley Park.

PART-TIME, evenings or Saturdays; unqualified lady; good Counter experience; Optical knowledge. 277/37, Office of this Paper.

PHARMACIST, free until November 30, desires post; any period; good all-round experience. 1 Hopefield Avenue, Brondesbury Park, N.W.6.

QUALIFIED gentleman, 27, with highest class Continental, West-End and provincial experience, and speaking fluent French, desires position as Manager or Assistant offering good prospects to man of ability and progressive ideas. Reply 273/33, Office of this Paper.

QUALIFIED, 26, good experience in quick up-to-date Counter and Dispensing business, Photography, etc., excellent references, seeks permanency as Manager. "Manager," Galloway, 100 Church Street, Blackpool.

QUALIFIED; middle-age; active; experienced; part-time, occasional or emergency relief; N. or N.W. London; moderate terms; would appreciate interview. "B.," 114 High Road, East Finchley, N.2.

QUALIFIED requires situation, Locum, Manager or Assistant; fully experienced in all branches; disengaged. Bramley, Wibsey, Bradford.

QUALIFIED; Manager or Senior; West-End and Continental experience; fluent French; disengaged. Oakley, 43 Cobham Road, Kingston-on-Thames.

QUALIFIED Chemist requires post as Manager; whole or part time; all-round experience; London or Home Counties; registered R.P.U.; moderate salary and good references. Harris, 52 South Side, Clapham Common.

QUALIFIED young Assistant requires post; tall; good appearance; excellent references. W. Ayers, 68 Wilford Road, Nottingham.

QUALIFIED, 26, desires situation as Manager or Assistant; excellent experience, Dispensing, Counter, Photography. Fagence, London Road, Cirencester.

QUALIFIED Chemist seeks comfortable permanency; South preferred; elderly; active; healthy; highest references; small salary. Parker, c/o Higgs, Fairford.

QUALIFIED, 22, tall, energetic, desires post as Assistant or Manager; 5 years' good all-round experience, Dispensing, Counter, Photography, Window-dressing; excellent references. Robinson, 57 Park-Side, Coventry.

QUALIFIED, both Pharmacy and Optics; Manager or Assistant; tall; gentlemanly; abstainer; active; 18 years' good experience; Dispensing, Optics, Counter, Photographic; age 37; disengaged shortly; excellent references. Apply "Satisfaction," 276/26, Office of this Paper.

QUALIFIED seeks situation as Assistant anywhere in or around London; young, keen and not afraid of work. "M.P.S.," c/o 8 Barnby Street, N.W.1.

QUALIFIED lady; 23; capable Saleswoman and Dispenser; disengaged; London only; interview; excellent references. 275/12, Office of this Paper.

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